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TECHNICAL REPORT

RESULTS OF THE PERSIAN GULF—ARABIAN SEA OCEANOGRAPHIC SURVEYS 1960-61

Ocean Surveys Division

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ABSTRACT

Oceanographic surveys from aboard USS REQUISITE were conducted in the upper Persian Gulf during February and March 1960 and in the lower Persian Gulf, the Strait of Hormuz, the Gulf of Oman, and the Arabian Sea during January through March 1961.

Two hundred and sixty-one oceanographic stations were occupied. In addition, 1280 BT's, 110 bottom sediment samples, and 22 current measurements were obtained.

Temperature and salinity profiles, temperature-salinity curves, and current direction and speeds are presented and discussed; bottom sediment analysis sheets are included.

FOREWORD

This technical report presents the results of oceanographic observations taken in the Persian Gulf and the Arabian Sea during two USS REQUISITE Surveys in 1960 and 1961.

The results of these cruises include a wealth of environmental data that should benefit the entire oceanographic community in its study of the Indian Ocean.

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Rear Admiral, U. S. Navy
Commander
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I. INTRODUCTION

During the winters of 1960 and 1961, U. S. Naval Oceanographic Office personnel aboard USS REQUISITE (AGS-18) participated in two cruises: (1) upper Persian Gulf (in general, that portion of the gulf west of 52° East longitude), (2) lower Persian Gulf, the Strait of Hormuz, the Gulf of Oman, and the Arabian Sea.

Ship's tracks and station locations are shown on Figures 1, 2, and 3, and oceanographic operations are summarized on Table 1.

II. SURVEY TECHNIQUES

Water temperatures were measured with Nansen bottles equipped with paired thermometers and with bathythermographs.

Water samples for salinity determination were collected from the Nansen bottles, sealed in rubber gasket citrate bottles, and shipped to NAVOCEANO for analyses.

Current was measured with Roberts Radio Current Meter; bottom sediment samples include Phleger cores, Orange Peel grabs, and dredged material.

In the Persian Gulf and the Strait of Hormuz, and in shallow areas along the coast of Pakistan and India, Nansen bottle casts used protected thermometers only. At deeper Arabian Sea stations, two bottles of the first cast and as many as five bottles of the second cast, had protected thermometers paired with unprotected thermometers.

Time series oceanographic station measurements were made at numerous locations in the Persian Gulf and the Strait of Hormuz while the ship anchored for current observations.

At 7 locations during the 1960 cruise and at 15 locations during the 1961 cruise, oceanographers measured currents. Usually, currents were measured at 4 meters (just below the ship's keel), at mid-depth, and at the bottom. During the observations, the ship bow anchored, and the current measurements were made directly from the ship. The meter was lowered by winch from the ship and connected to the recorder by conductor cable. Measurement periods ranged from 30 seconds for a satisfactory signal to 5 or 6 minutes for erratic recordings; current stations were occupied from 24 to 72 hours. Speed and direction signals were recorded on a Chronograph 2-pen recorder during the first survey, and on an Esterline-Angus Recorder during the 1961 cruise.

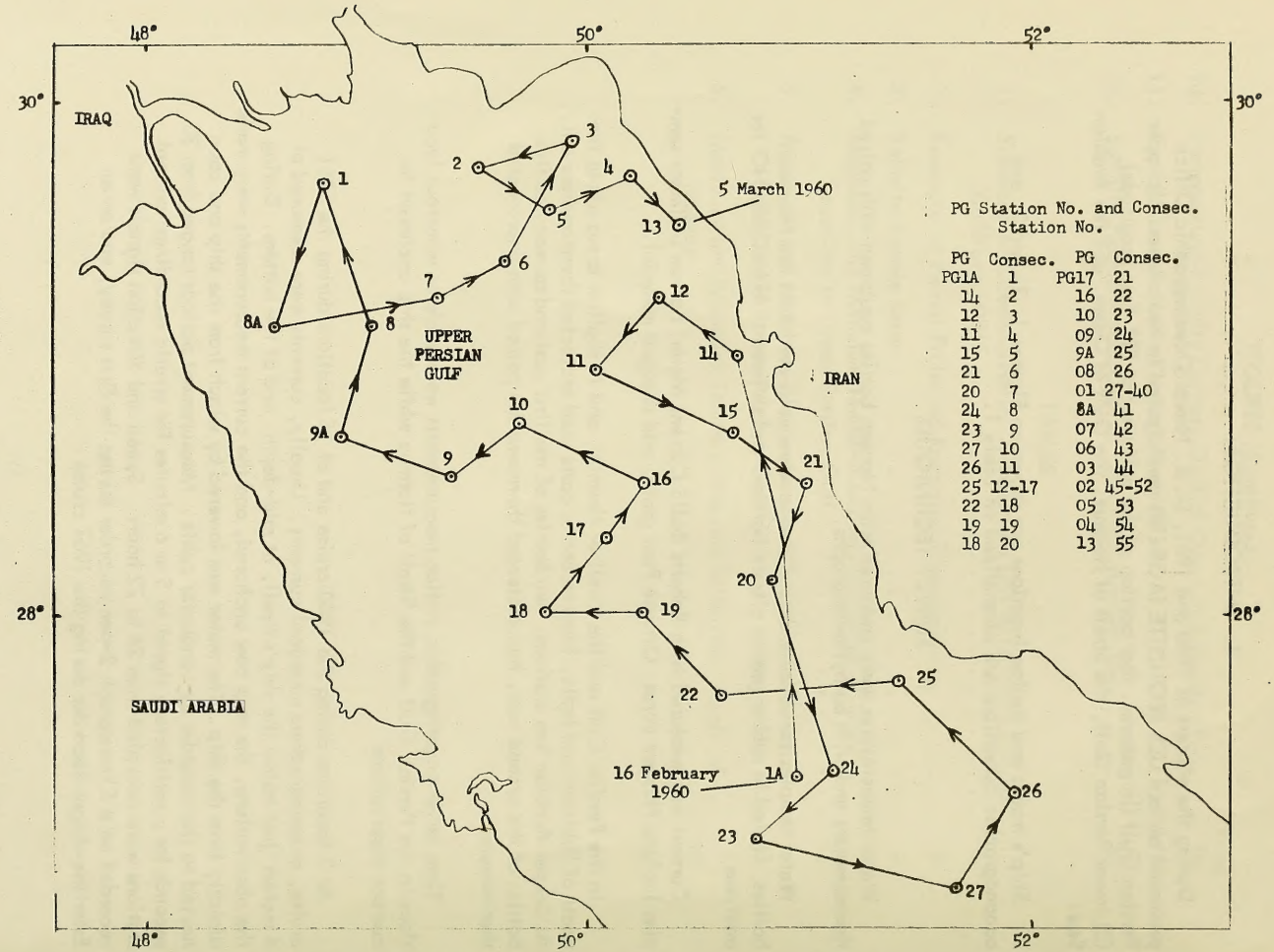


FIGURE 1. UPPER PERSIAN GULF, STATION LOCATIONS AND SHIP'S TRACK, CRUISE 00658, USS REQUISITE, FEB-MAR 1960

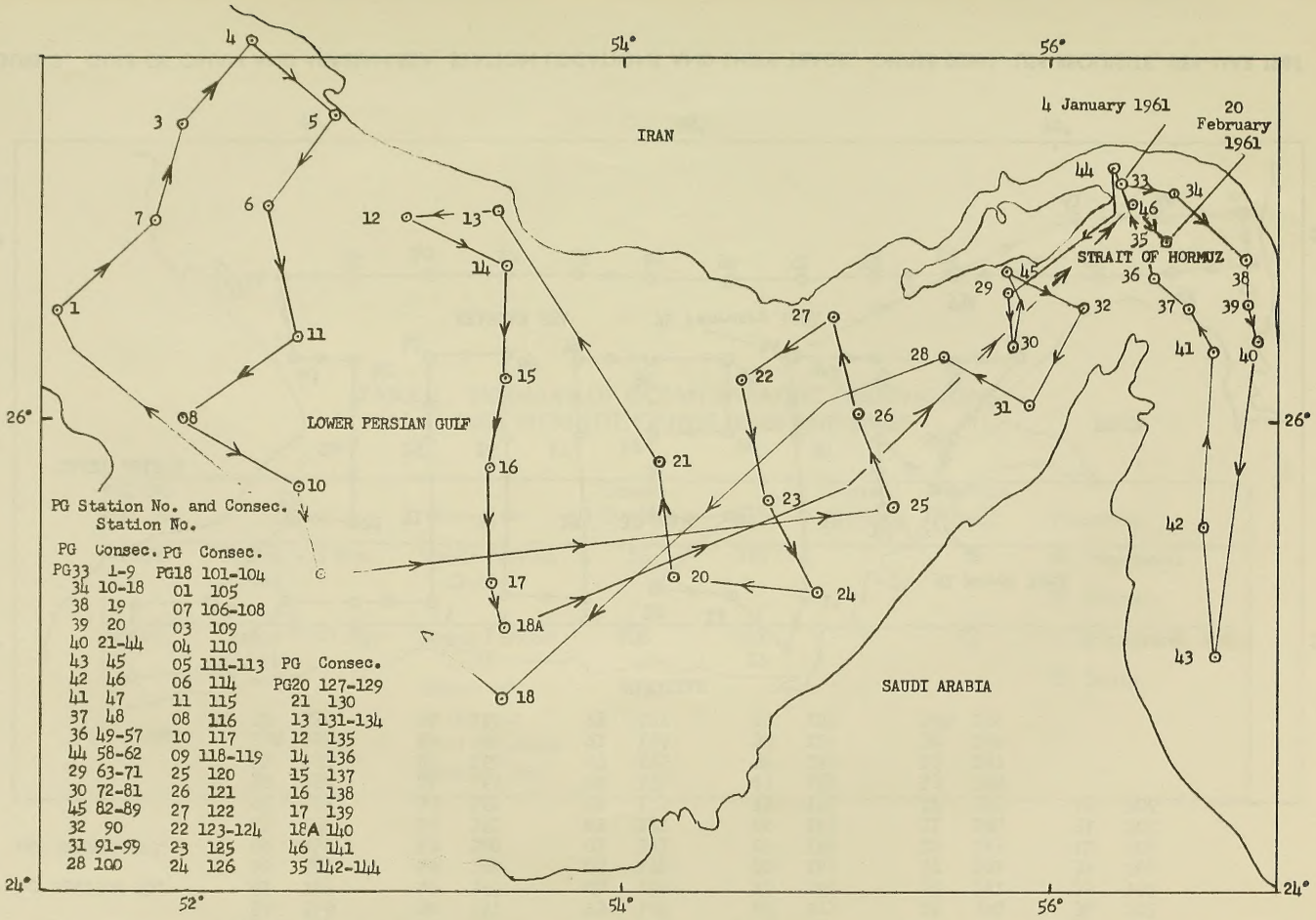


FIGURE 2. LOWER PERSIAN GULF AND STRAIT OF HORMUZ, STATION LOCATIONS AND SHIP'S TRACK, CRUISE 00865, USS REQUISITE, JAN-FEB 1961

AS	CONSEC.	AS	CONSEC.	AS	CONSEC.	AS	CONSEC.	AS	CONSEC	AS	CONSEC.
AS36	145	AS51	156	AS22	167	AS41	178	AS29	189	AS35	200
53	146	50	157	23	168	40	179	28	190	34	201
61	147	49	158	04	169	26	180	18	191	33	202
60	148	48	159	03	170	20	181	17	192	32	203
59	149	47	160	01	171	08	182	10	193	14	204
58	150	46	161	02	172	09	183	11	194	31	205
56	151	45	162	05	173	19	184	12	195	15	206
55	152	44	163	06	174	27	185	13	196		
54	153	43	164	07	175	39	186	16	197		
53A	154	42	165	21	176	38	187	30	198		
52	155	24	166	25	177	37	188	36A	199		

AS STATION NO.
AND CONSEC. NO.

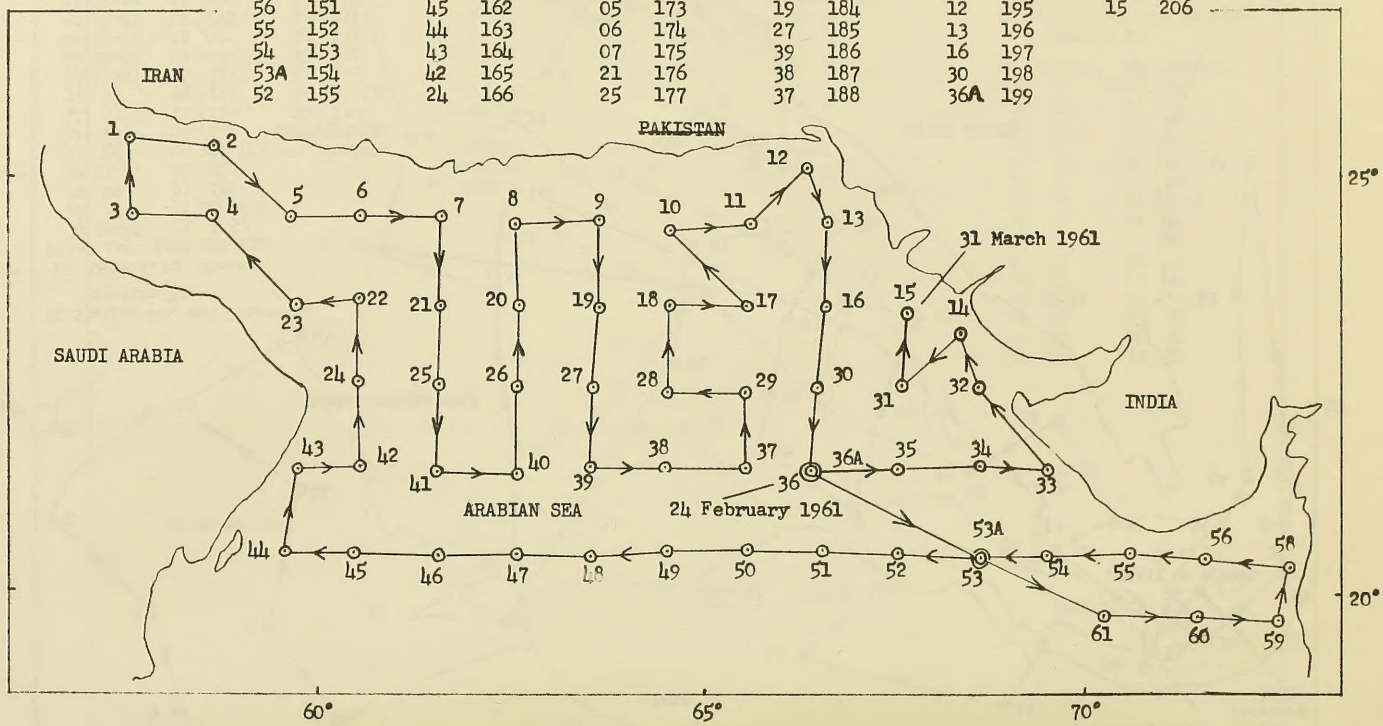


FIGURE 3. GULF OF OMAN AND ARABIAN SEA, STATION LOCATIONS AND SHIP'S TRACK, CRUISE 00865, USS REQUISITE, FEB-MAR 1961

TABLE 1. SUMMARY OF OCEANOGRAPHIC OBSERVATIONS
USS REQUISITE CRUISES 00658 AND 00865

NODC Ref.No.	Date	Location	Ocean. Stations	BT's	Current Stations	Bottom Sed.	Personnel
00658	16 Feb - 5 Mar 1960	Upper Persian Gulf	55	318	7	18	W. Hammond R. Michel
00865	4 Jan - 31 Mar 1961	Lower Persian Gulf Strait of Hormuz Gulf of Oman Arabian Sea	206	962	15	92	J. Rohrhirsch D. Smith

Orange Peel and dredge bottom samples stored in sample jars, and Phleger cores capped and sealed, were shipped to NAVOCEANO for analyses.

III. DATA ANALYSIS

Thermometer data were field corrected and rechecked at NAVOCEANO. Paired protected thermometers were averaged except where an error obviously existed. A summary of paired protected thermometer readings is presented as Table 2.

TABLE 2. SUMMARY OF PAIRED PROTECTED REVERSING THERMOMETERS

CRUISE 00658

Total No. Pairs Used During Cruise	DIFFERENCE °C BETWEEN PAIRED THERMOMETERS ACCEPTED AND AVERAGED								One of Pair Not Accepted
	.00	.01	.02	.03	.04	.05	.06	>.06	
248	45	77	44	25	9	10	8	22	8

CRUISE 00865

Total No. Pairs Used During Cruise	DIFFERENCE °C BETWEEN PAIRED THERMOMETERS ACCEPTED AND AVERAGED								One of Pair Not Accepted
	.00	.01	.02	.03	.04	.05	.06	>.06	
1311	128	214	181	156	139	106	56	82	249

Wire length determined accepted depths at most shallow stations (100 meters or less); however, on the deep casts in the Arabian Sea, as many as five Nansen bottles with an unprotected thermometer paired with a protected thermometer measured thermometric depths for use in determining accepted depths.

Salinity samples returned to NAVOCEANO were analyzed on a University of Washington Conductivity Salinometer. Samples collected in 350 ml. citrate bottles received duplicate analysis, but samples collected in 150 ml. citrate bottles contained only enough water for a single analysis. For duplicate analysis the cell readings within .20 ohms were averaged, otherwise, a third sample was analyzed. Table 3 lists the cruise, the number of water samples, type analysis (single or duplicate), and reruns.

TABLE 3. SALINITY SAMPLE DATA

Cruise	Station No.	No. Water Samples	Duplicate Samples Analyzed	Sample ReRun	Sample Analyzed One Time
00658	1-55	248	248	0	0
00865	1-126	580	580	19	0
00865	127-206	929	0	0	929

Surface and subsurface oceanographic station data were coded and forwarded to the National Oceanographic Data Center (NODC) for machine processing of standard depths, density (sigma-t), dynamic heights from the surface, and sound velocities[1]. For oceanographic station data see appendix A.

Office personnel hand scaled the current tapes, and computed the average of the speed and direction for each observation period. They then plotted the values on a time line as an arrow with current speed indicated by the length of the arrow and current direction indicated by the angle of the arrow with vertical. (0°N, 90°E, 180°S, 270°W clockwise). Currents for each meter depth and the tide curve for the observation period are presented with a current station location chart in appendix B.

Bottom sediments shipped to NAVOCEANO and analyzed for sediment type and size are given in appendix C.

NODC received bathythermograph slides for processing and filing.

[1]WILSON, W. D., Equation for the speed of sound in sea water, Journal of the Acoustical Society of America, vol. 32, no. 10, pp. 1357, Oct. 1960.

IV. DISCUSSION OF TEMPERATURE AND SALINITY DATA

A. Upper Persian Gulf

Data were collected in the upper Persian Gulf during the February and March 1960 survey (Fig. 1). Surface temperatures decreased to the north, whereas surface salinities increased to the north to approximately 29° North Latitude. In this region water from the rivers entering the Gulf slightly affected the salinity. At all stations, water samples had extremely high salinities (38.96‰ to 41.56‰); 82 percent of the 248 samples analyzed had salinities greater than 40.00‰. Profiles of selected stations in the upper Persian Gulf (Figs. 4 and 5) show the general temperature and salinity distribution; Table 4 shows the maximum and minimum temperatures and salinities of time serial observations.

B. Lower Persian Gulf, Strait of Hormuz, and Gulf of Oman

During January and February 1961, data collected gave higher surface temperatures and lower surface salinities in the Strait of Hormuz and the upper Gulf of Oman than in the Persian Gulf; in general, temperatures and salinities increased with depth. Temperature and salinity profiles along selected stations in the area (Figs. 6 and 7) show the distribution of these physical properties, and Tables 5 and 6 show the maximum and minimum temperature and salinity at the surface and bottom for time serial observations.

Temperature and salinity data taken at Station 26 Cruise 00658 and Station 3 Cruise 00865 (Figs. 1 and 2), Latitude 27°16'N and Longitude 51°56'E on 23 February 1960 and 27 January 1961, are compared. Figure 8 shows the temperature and salinity graphs for the two observations. Temperatures at all depths varied by less than .2°C, and salinities generally agreed except at the 30-meter level.

C. Gulf of Oman and the Arabian Sea

During February and March 1961, 62 oceanographic stations were obtained in the Gulf of Oman and the Arabian Sea (Fig. 3).

Temperature-Salinity curves for representative stations in the Gulf of Oman and the Arabian Sea (Figs. 9, 11, and 19) show the influence of the Persian Gulf water between 150 and 300 meters. The most significant feature of the curves is the uniform water mass below 500 meters. Figure 9 also includes stations 42 and 43 (Fig. 2) taken in January as a part of the lower Persian Gulf and Strait of Hormuz survey.

A salinity profile from station 3 in the Gulf of Oman southeast to station 50 then to the Bay of Cambay (Fig. 12) shows the influence of the high salinity Persian Gulf water between 150 and 300 meters as well as the low salinity Bay of Cambay water penetrating the Arabian Sea surface water.

Surface temperatures recorded in the Gulf of Oman and the Arabian Sea ranged between 23.77°C. in the northwest to 26.76°C. in the southeast, while surface water samples analyzed ranged in salinity between 34.90‰ in the Bay of Cambay to 36.58‰ in the Gulf of Oman.

The highest salinity (37.40‰) was found at 200 meters at station 3, and the lowest salinity (34.74‰) was found at 3500 meters at station 47.

Temperatures generally decreased from surface to bottom. The lowest temperatures (1.70°C.) were recorded at 3168 meters at station 39 and at 3500 meters at station 47.

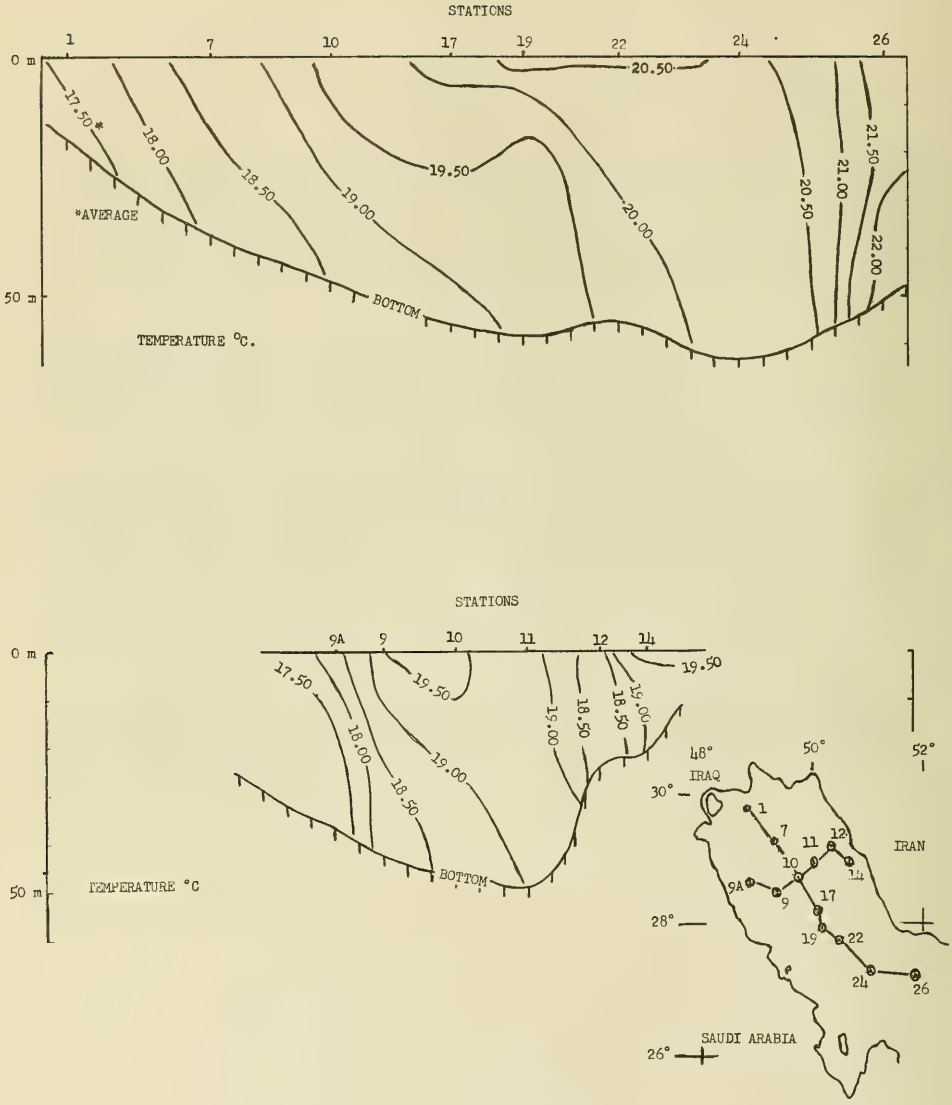


FIGURE 4. TEMPERATURE PROFILES, UPPER PERSIAN GULF

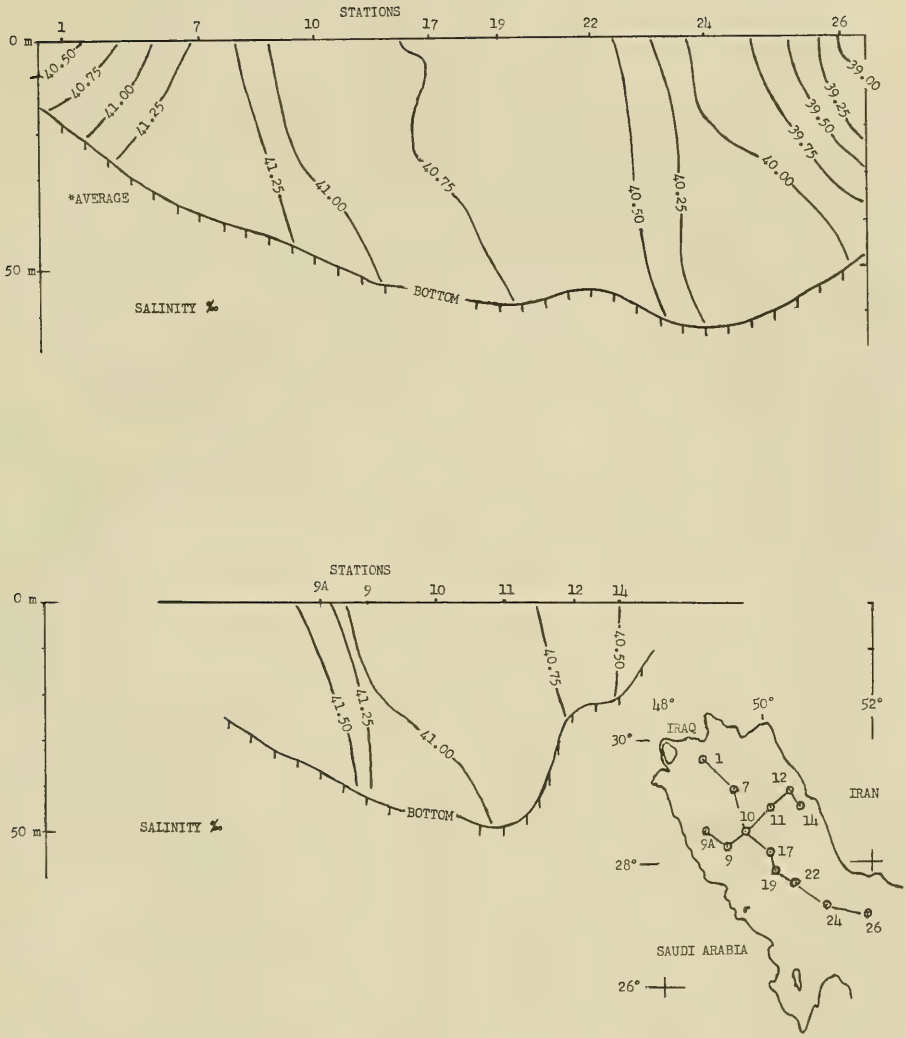


FIGURE 5. SALINITY PROFILES, UPPER PERSIAN GULF

TABLE 4. MAXIMUM AND MINIMUM TEMPERATURES AND SALINITIES AT THREE LOCATIONS IN UPPER PERSIAN GULF

PG Station	Consec. Station	Water Depth	Temp. °C				Salinity ‰			
			Surface		Bottom		Surface		Bottom	
			Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.
25	12-17	18m	22.00	21.03	21.53	20.78	39.49	39.01	39.56	39.09
1	27-40	16m	18.74	17.30	17.54	17.19	40.88	39.35	41.01	40.37
2	45-52	13m	17.91	17.53	17.69	17.55	41.22	41.18	41.22	41.18

TABLE 5. MAXIMUM AND MINIMUM TEMPERATURES AND SALINITIES AT SEVEN LOCATIONS IN LOWER PERSIAN GULF

PG Station	Consec. Station	Water Depth	Temp. °C				Salinity ‰			
			Surface		Bottom		Surface		Bottom	
			Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.
18	101-104	20m	22.01	21.52	21.56	21.50	41.94	41.38	42.08	41.87
7	106-108	68m	21.38	21.02	21.58	21.52	39.81	39.68	40.46	40.42
5	111-113	55m	22.22	21.57	23.02	22.96	38.56	38.44	40.26	40.22
9	118-119	29m	20.98	20.90	21.00	20.86	40.39	40.38	40.50	40.37
22	123-124	88m	22.04	21.98	23.08	23.08	38.32	38.17	40.34	40.34
20	127-129	35m	21.16	20.95	20.95	20.92	40.96	40.73	41.00	40.95
13	131-134	22m	21.18	20.98	21.16	21.00	38.74	38.59	38.77	38.74

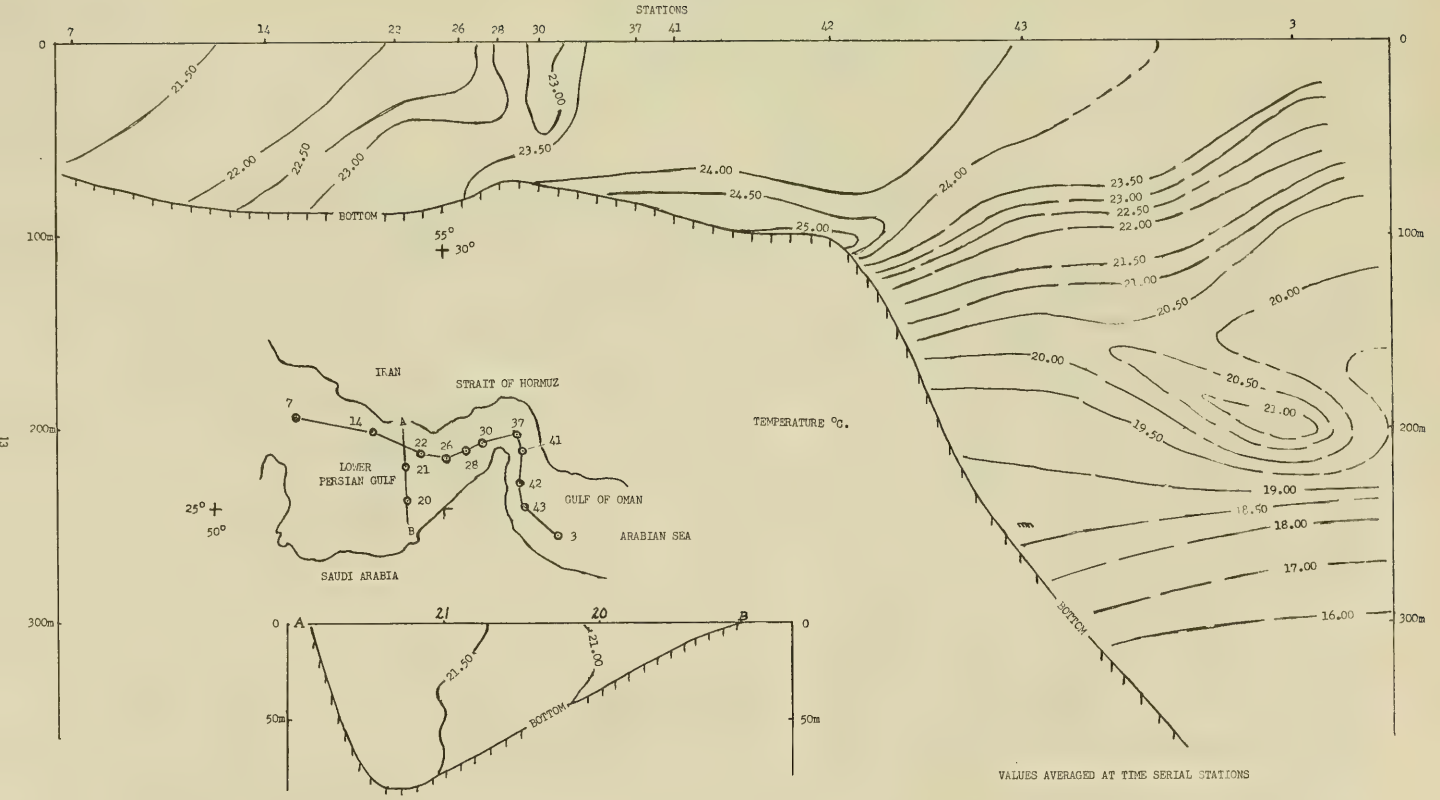


FIGURE 6. TEMPERATURE PROFILES, LOWER PERSIAN GULF, STRAIT OF HORMUZ, AND GULF OF OMAN

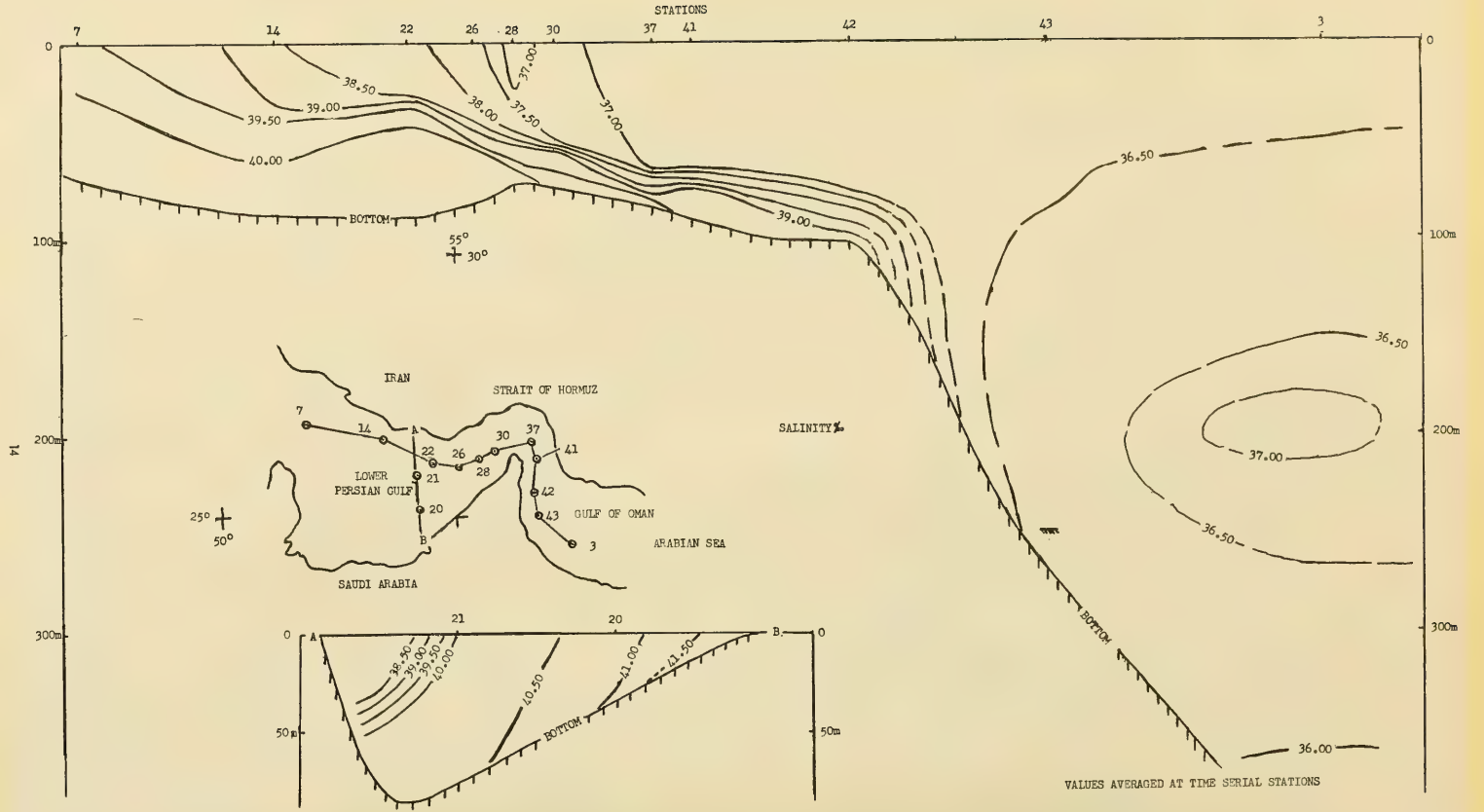
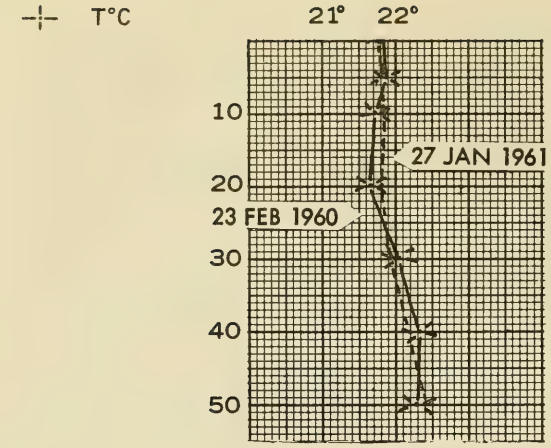


FIGURE 7. SALINITY PROFILES, LOWER PERSIAN GULF, STRAIT OF HORMUZ, AND GULF OF OMAN

TABLE 6. MAXIMUM AND MINIMUM TEMPERATURES AND SALINITIES, STRAIT OF HORMUZ

PG Station	Consec. Station	Water Depth	Temp. °C				Salinity ‰			
			Surface		Bottom		Surface		Bottom	
			Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.
33	1-9	18m	22.74	21.60	22.00	21.51	37.17	37.09	37.17	37.13
34	10-18	35m	23.37	22.54	22.92	22.32	37.07	36.94	37.07	36.96
40	21-44	55m	24.20	23.78	24.06	23.64	36.62	36.56	36.63	36.57
36	49-57	77m	23.66	23.07	24.96	24.69	36.68	36.57	39.72	38.64
44*	58-62	14m	21.45	20.44	20.81	20.40	37.14	37.03	37.12	37.07
29	63-71	51m	22.88	22.38	22.42	22.16	37.02	36.82	37.22	37.11
30	72-81	73m	22.96	22.39	24.13	23.90	37.39	37.21	39.92	39.45
45	82-89	15m	23.16	22.31	22.50	21.97	37.01	36.81	36.92	36.84
31	91-99	48m	23.00	22.74	23.67	23.40	37.41	37.33	39.34	38.47
35	142-144	57m	22.32	21.70	21.66	21.62	36.81	36.74	36.81	36.78

* Currents not taken



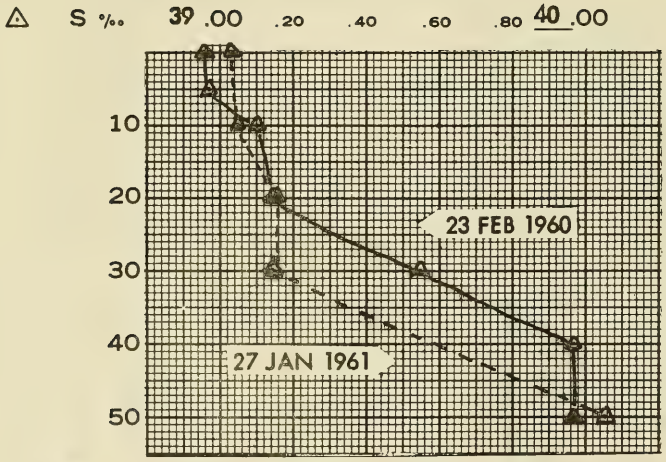


FIGURE 8. TEMPERATURE AND SALINITY AT 27°16'N 51°56'E TAKEN ON FEBRUARY 1960 AND 27 JANUARY 1961

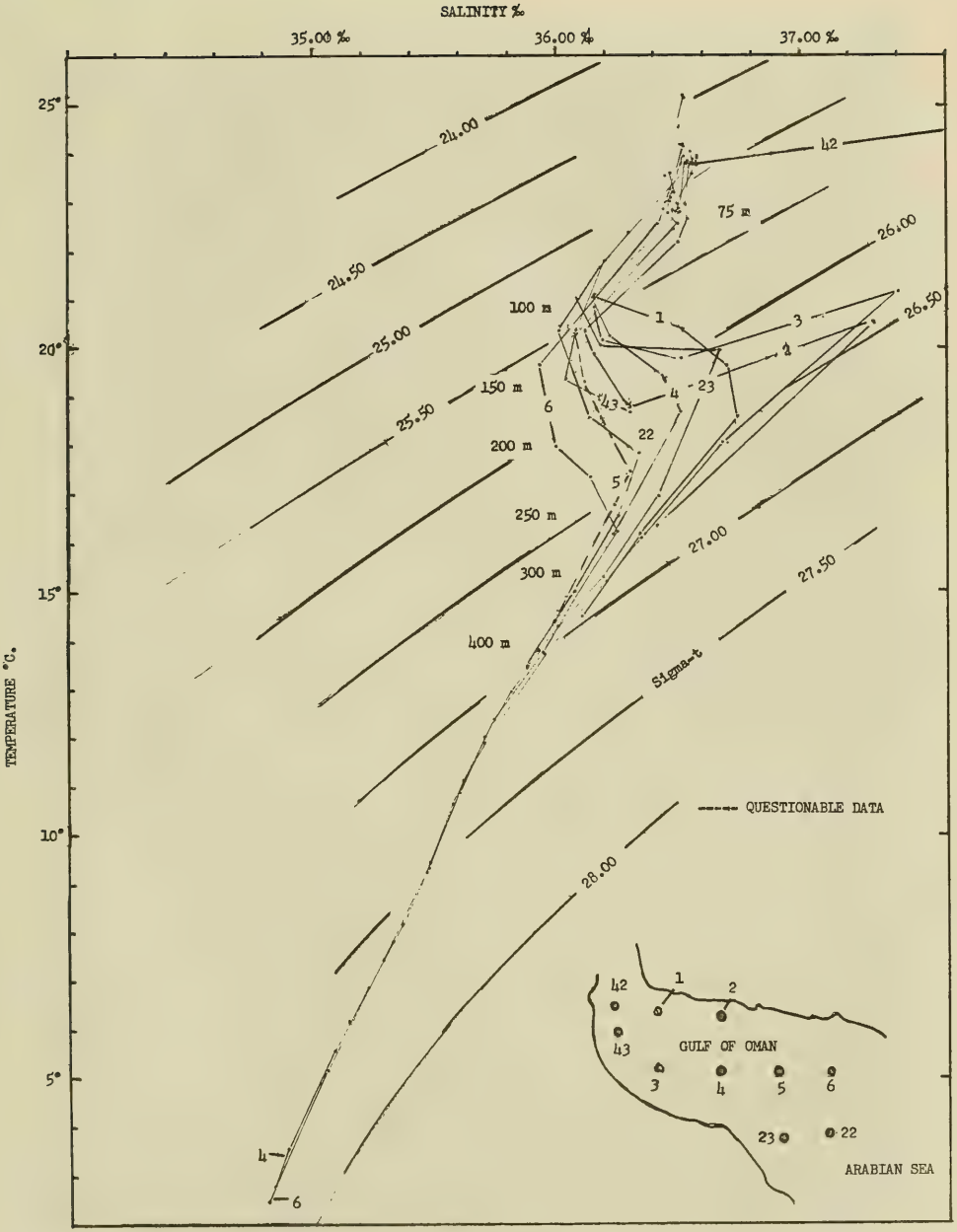


FIGURE 9. TEMPERATURE - SALINITY CURVES, GULF OF OMAN AND ARABIAN SEA

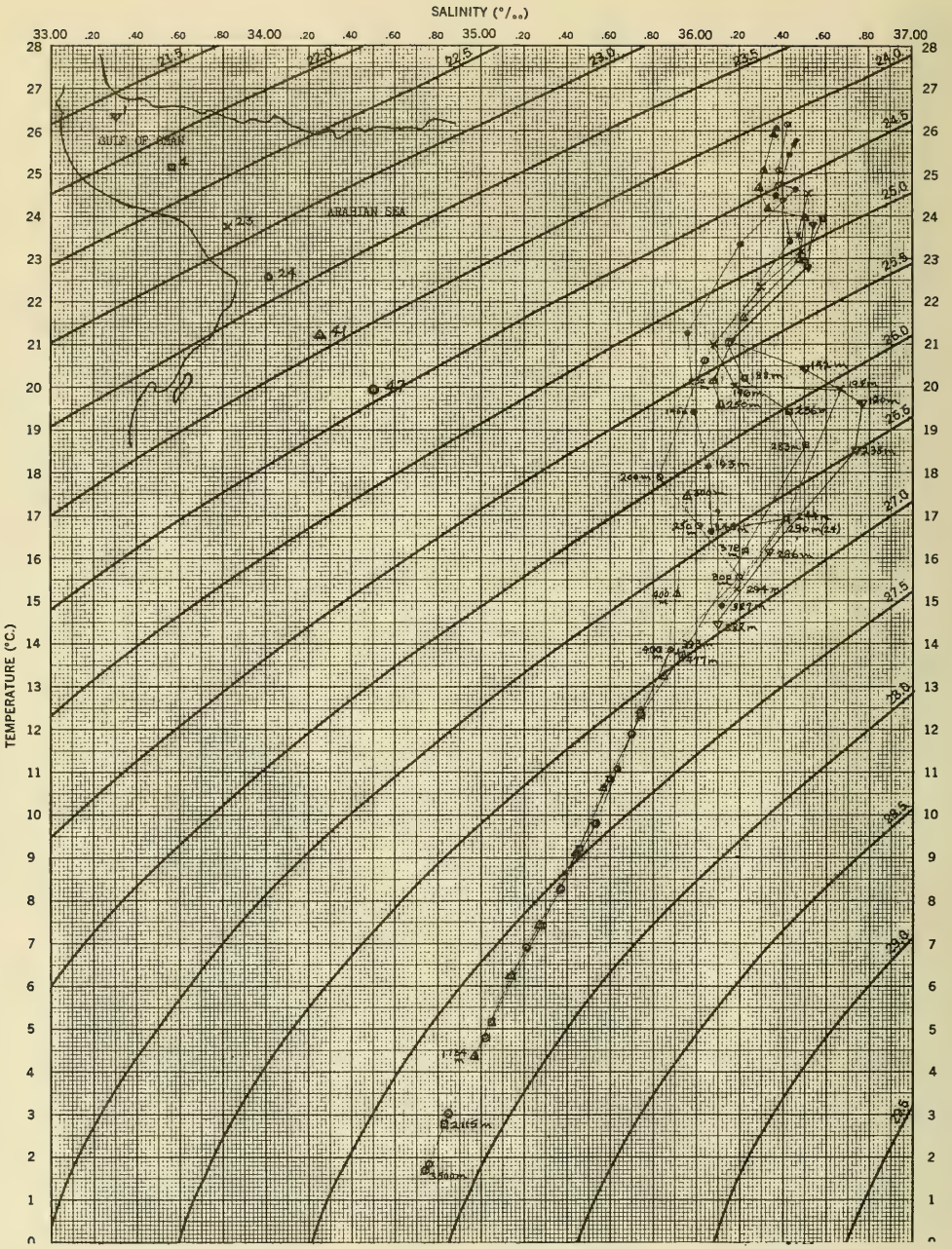


FIGURE 10. TEMPERATURE - SALINITY CURVES, GULF OF OMAN AND ARABIAN SEA

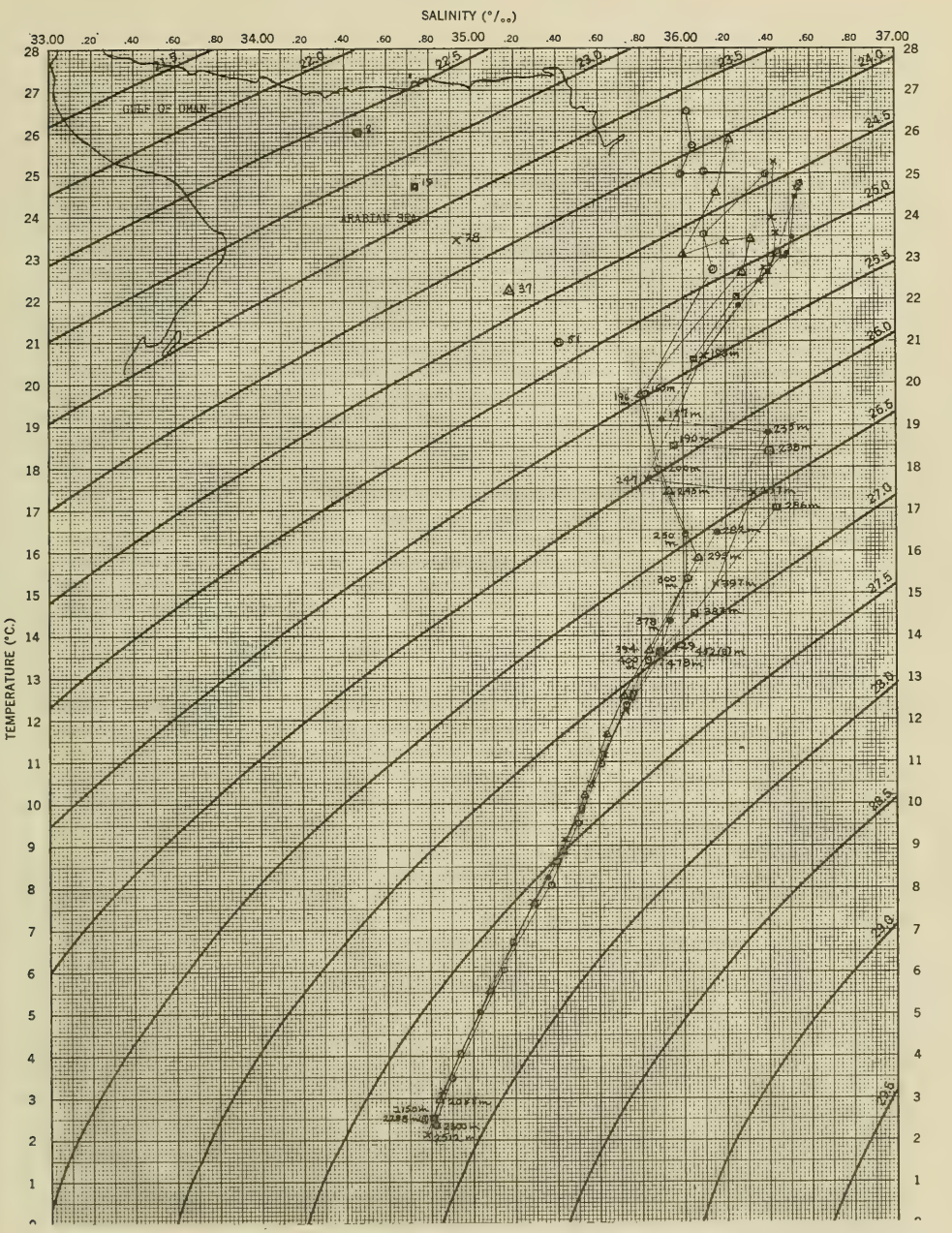


FIGURE 11. TEMPERATURE - SALINITY CURVES ARABIAN SEA

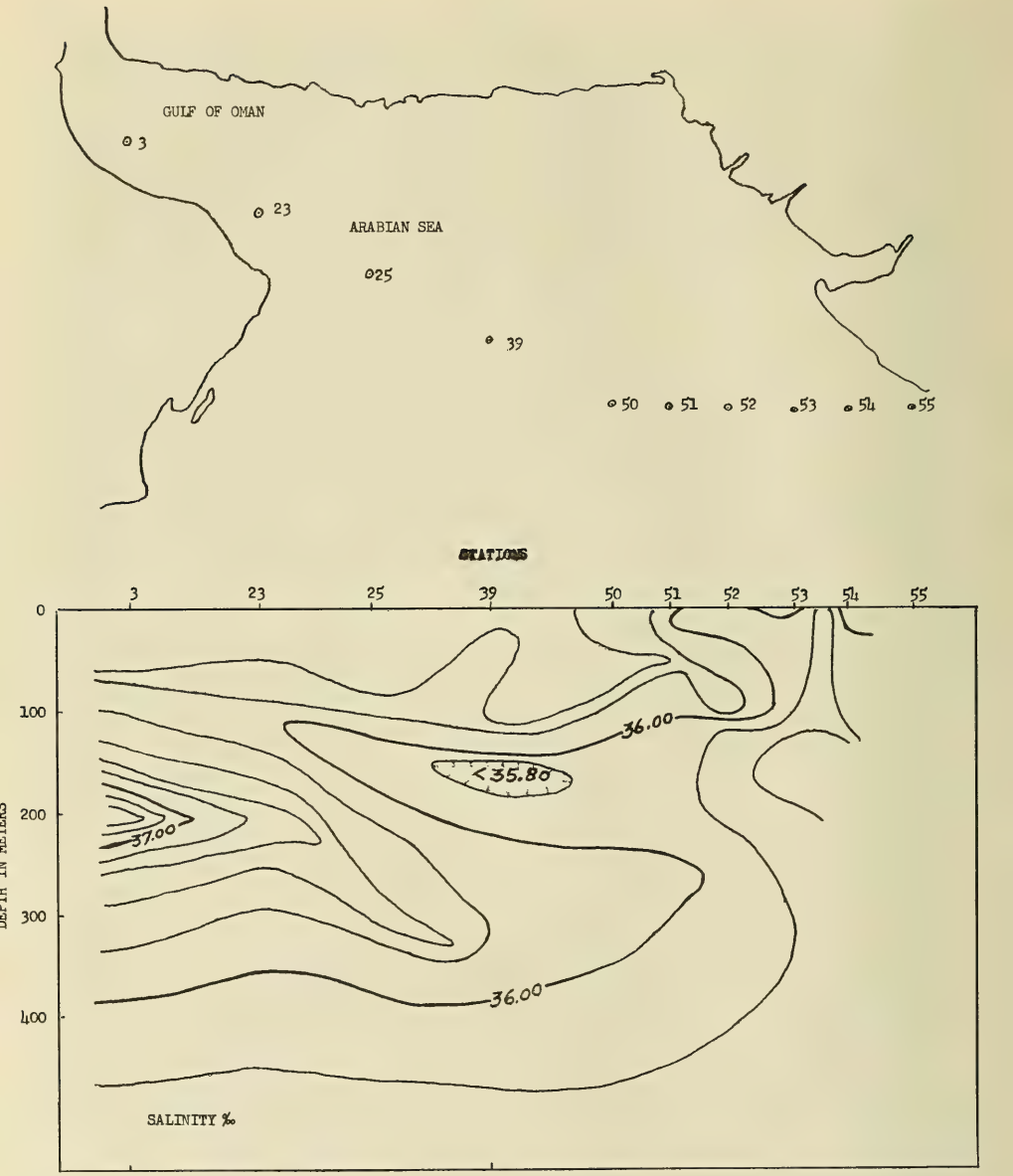


FIGURE 12. SALINITY PROFILE ACROSS GULF OF OMAN AND ARABIAN SEA

APPENDIX A

OCEANOGRAPHIC STATION DATA

(with various additional notes and tables for explanation)

CRUISE 00658

CRUISE 00865

(See Figures 1, 2, and 3 for station locations and ship's tracks)

EXPLANATION OF OCEANOGRAPHIC STATION DATA

A. General

Each of the items appearing on the data pages is explained below. The vertical arrows shown in some of the column headings indicate the location of decimal points. The presence of asterisks to the right of data indicates those data are doubtful; hence, they were not used in the construction of the curve from which interpolated values (standard depth values) were derived. Observed values obviously invalid were omitted.

B. Surface Observations

1. Consec. Sta. No. The stations are numbered in the chronological order in which they were occupied and are arranged consecutively in this report.

2. NODC Ref. No. This number is assigned by the National Oceanographic Data Center. It identifies the cruise and provides a means of sorting from the IBM files all cards pertaining to a particular cruise.

3. Station. Stations are numbered to designate a certain station location. This number is assigned prior to the beginning of the cruise and is the identifying station number appearing on the station location chart.

4. Date. Month, day, and year are given in Arabic numerals. The hour is Greenwich Mean Time and is that hour nearest to the messenger time of the first Nansen bottle cast.

5. Position. Latitude and longitude of the station are given in degrees and minutes; minutes rounded-off to the nearest whole number.

6. Sonic Depth Uncorrected. Sonic Depth is the uncorrected sounding for the station, recorded in meters.

7. Max. Sample Depth. The maximum depth from which a water sample was obtained at the station is given to the nearest 100 meters.

8. Wind. Wind speed is given in meters per second. Direction from which the wind blows is coded in degrees true to the nearest ten degrees. The last zero is omitted. North is 36 on the scale and calm is 0. See Table 1, Compass Direction Conversion Table for Wind, Sea, and Swell Directions.

9. Anemo. Hgt. The height of the anemometer above the waterline is given in meters.

10. Air Pressure. Barometric pressure of the air is coded in millibars, neglecting the 900 or 1000. Thus, 996 millibars is coded as 96 and 1008 millibars is coded as 08.

11. Air Temperature. Dry bulb and wet bulb temperatures are entered to the nearest tenth of a degree Celsius (°C). A negative temperature is coded by dropping the minus sign and adding 50; thus -10° is coded as 60.

12. Humidity. The percent of humidity is coded directly, 100 percent being coded as 99.

13. Weather. Weather is coded as indicated in Table 2, Numerical Weather Codes - Present Weather.

14. Cloud. Cloud type and amount are coded as indicated in Tables 3, Cloud Type, and 4, Cloud Amount.

15. Sea. Sea direction and amount are coded as indicated in Tables 1 and 5, respectively.

16. Swell. Swell direction and amount are coded as indicated in Tables 1 and 6, respectively.

17. Vis. Visibility is coded as indicated in Table 7, Visibility.

18. Water. Water color is coded as indicated in Table 8, Water Color. Transparency is coded in whole meters from observations taken with a white Secchi disc (30 cm. dia.).

C. Subsurface Observations

1. Sample Depth. Observed (actual) depth of each sample is given in meters. Interpolated values at standard depths are also given.

2. Temperature. The Celsius (°C) temperature is given in degrees and hundredths.

3. Salinity. Salinity is given in parts per thousand (by weight) to two decimal places.

4. Sigma-t. To convert to density divide by 1000 and add 1. Thus, a sigma-t value of 22.35 converts to a density of 1.02235.

5. Delta-D. The values in the columns are the anomalies of dynamic depths from the surface to each level in dynamic meters. Each entry is the cumulative sum of the anomalies of dynamic depth of the layer above. These values have been computed for the standard depths only, and serve to identify computed points.

6. Dissolved Oxygen. These values when given are in milliliters per liter to two decimal places. Values of 10.00 or above rarely occur and are coded as 9.99.

7. Sound Velocity. Sound velocities were computed by Wilson's equation and are recorded in feet per second to one decimal place (corrected for pressure at each depth). See footnote page 7.

D. Additional Nansen Cast Information.

1. Cast No. Individual Nansen bottle casts are numbered by Roman numerals.

2. Wire Angle. The angle between the oceanographic wire and the vertical, measured by an inclinometer, is recorded in whole degrees.

3. Nansen Bottles. The number of Nansen bottles employed on a Nansen cast.

4. Protected Thermometers. Used - the number of protected reversing thermometers employed on the designated Nansen cast. Accepted - the number of temperatures from protected thermometers actually accepted, individually or for an average.

5. Unprotected Thermometers. Used - the number of unprotected reversing thermometers employed on the designated Nansen cast. Accepted - the number of unprotected thermometers actually accepted based on the difference between the computed thermometric depth and the accepted depth (i.e., when the difference is within $\pm$ .5% of the accepted depth). Accepted depths are determined by L - Z curve methods described in publication H.O. 607.

TABLE 1. COMPASS DIRECTION CONVERSION TABLE FOR WIND, SEA, AND SWELL DIRECTIONS

Code	Direction	Code	Direction
00	Calm	19	185° to 194°
01	5° to 14°	20	195° to 204° SSW
02	15° to 24° NNE	21	205° to 214°
03	25° to 34°	22	215° to 224°
04	35° to 44°	23	225° to 234° SW
05	45° to 54° NE	24	235° to 244°
06	55° to 64°	25	245° to 254° WSW
07	65° to 74° ENE	26	255° to 264°
08	75° to 84°	27	265° to 274° W
09	85° to 94° E	28	275° to 284°
10	95° to 104°	29	285° to 294° WNW
11	105° to 114° ESE	30	295° to 304°
12	115° to 124°	31	305° to 314°
13	125° to 134°	32	315° to 324° NW
14	135° to 144° SE	33	325° to 334°
15	145° to 154°	34	335° to 344° NNW
16	155° to 164° SSE	35	345° to 354°
17	165° to 174°	36	355° to 4° N
18	175° to 184° S	99	Variable or unknown

TABLE 2. NUMERICAL WEATHER CODES—PRESENT WEATHER

00 Cloud development NOT observed or NOT observable during past hour.	**01** Clouds generally dissolving or becoming less developed during past hour.	**02** State of sky on the whole unchanged during past hour.	**03** Clouds generally forming or developing during past hour.	**04** Visibility reduced by smoke.	**05** Haze.	**06** Widespread dust in suspension in the air, NOT raised by wind, at time of observation.	**07** Dust or sand raised by wind, at time of observation.	**08** Well developed dust devil(s) within past hour.	**09** Duststorm or sandstorm within sight of or at station during past hour.
10 Light fog.	**11** Patches of shallow fog at station, NOT deeper than 6 feet on land.	**12** More or less continuous shallow fog at station, NOT deeper than 6 feet on land.	**13** Lightning visible, no thunder heard.	**14** Precipitation within sight, but NOT reaching the ground.	**15** Precipitation within sight, reaching the ground, but distant from station.	**16** Precipitation within sight, reaching the ground, near to but NOT at station.	**17** Thunder heard, but no precipitation at the station.	**18** Squall(s) within sight during past hour.	**19** Funnel cloud(s) within sight during past hour.
20 Drizzle (NOT freezing and NOT falling as showers) during past hour, but NOT at time of ob.	**21** Rain (NOT freezing and NOT falling as showers) during past hour, but NOT at time of ob.	**22** Snow (NOT falling as showers) during past hour, but NOT at time of observation.	**23** Rain and snow (NOT falling as showers) during past hour, but NOT at time of observation.	**24** Freezing drizzle or freezing rain (NOT falling as showers) during past hour, but NOT at time of observation.	**25** Showers of rain during past hour, but NOT at time of observation.	**26** Showers of snow, or of rain and snow, during past hour, but NOT at time of observation.	**27** Showers of hail, or of hail and rain, during past hour, but NOT at time of observation.	**28** Fog during past hour, but NOT at time of observation.	**29** Thunderstorm (with or without precipitation) during past hour, but NOT at time of observation.
30 Slight or moderate duststorm or sandstorm has decreased during past hour.	**31** Slight or moderate duststorm or sandstorm no appreciable change during past hour.	**32** Slight or moderate duststorm or sandstorm has increased during past hour.	**33** Severe duststorm or sandstorm, has decreased during past hour.	**34** Severe duststorm or sandstorm, no appreciable change during past hour.	**35** Severe duststorm or sandstorm, has increased during past hour.	**36** Slight or moderate drifting snow, generally low.	**37** Heavy drifting snow, generally low.	**38** Slight or moderate drifting snow, generally high.	**39** Heavy drifting snow, generally high.
40 Fog at distance at time of observation, but NOT at station during past hour.	**41** Fog in patches.	**42** Fog, sky discernible, has become thinner during past hour.	**43** Fog, sky NOT discernible, has become thinner during past hour.	**44** Fog, sky discernible, no appreciable change during past hour.	**45** Fog, sky NOT discernible no appreciable change during past hour.	**46** Fog, sky discernible, has begun or become thicker during past hour.	**47** Fog, sky NOT discernible, has begun or become thicker during past hour.	**48** Fog, depositing rime, sky discernible.	**49** Fog, depositing rime, sky not discernible.
50 Intermittent drizzle (NOT freezing) slight at time of observation.	**51** Continuous drizzle (NOT freezing) slight at time of observation.	**52** Intermittent drizzle (NOT freezing) moderate at time of ob.	**53** Continuous drizzle (NOT freezing), moderate at time of ob.	**54** Intermittent drizzle (NOT freezing), thick at time of observation.	**55** Continuous drizzle (NOT freezing), thick at time of observation.	**56** Slight freezing drizzle.	**57** Moderate or thick freezing drizzle.	**58** Drizzle and rain, slight.	**59** Drizzle and rain, moderate or heavy.
60 Intermittent rain (NOT freezing), slight at time of observation.	**61** Continuous rain (NOT freezing), slight at time of observation.	**62** Intermittent rain (NOT freezing), moderate at time of ob.	**63** Continuous rain (NOT freezing), moderate at time of observation.	**64** Intermittent rain (NOT freezing), heavy at time of observation.	**65** Continuous rain (NOT freezing), heavy at time of observation.	**66** Slight freezing rain.	**67** Moderate or heavy freezing rain.	**68** Rain or drizzle and snow, slight.	**69** Rain or drizzle and snow, moderate or heavy.
70 Intermittent fall of snowflakes, slight at time of observation.	**71** Continuous fall of snowflakes, slight at time of observation.	**72** Intermittent fall of snowflakes, moderate at time of observation.	**73** Continuous fall of snowflakes, moderate at time of observation.	**74** Intermittent fall of snowflakes, heavy at time of observation.	**75** Continuous fall of snowflakes, heavy at time of observation.	**76** Ice needles (with or without fog).	**77** Granular snow (with or without fog).	**78** Isolated starlike snow crystals (with or without fog).	**79** Ice pellets (sleet, U. S. definition).
80 Slight rain shower(s).	**81** Moderate or heavy rain shower(s).	**82** Violent rain shower(s).	**83** Slight shower(s) of rain and snow mixed.	**84** Moderate or heavy shower(s) of rain and snow mixed.	**85** Slight snow shower(s).	**86** Moderate or heavy snow shower(s).	**87** Slight shower(s) of soft or small hail with or without rain or rain and snow mixed.	**88** Moderate or heavy shower(s) of soft or small hail with or without rain or rain and snow mixed.	**89** Slight shower(s) of hail, with or without rain or rain and snow mixed, not associated with thunder.
90 Moderate or heavy shower(s) of hail, with or without rain or rain and snow mixed, not associated with thunder.	**91** Slight rain at time of ob.; thunderstorm during past hour, but NOT at time of observation.	**92** Moderate or heavy rain at time of ob.; thunderstorm during past hour, but NOT at time of observation.	**93** Slight snow or rain and snow mixed or hail at time of observation.; thunderstorm during past hour, but not at time of observations.	**94** Mod. or heavy snow, or rain and snow mixed or hail at time of ob.; thunderstorm during past hour, but NOT at time of observation.	**95** Slight or mod. thunderstorm without hail, but with rain and/or snow at time of observation.	**96** Slight or moderate thunderstorm, with hail at time of observation.	**97** Heavy thunderstorm, without hail, but with rain and/or snow at time of observation.	**98** Thunderstorm combined with duststorm or sandstorm at time of observation.	**99** Heavy thunderstorm with hail at time of observation.

TABLE 3. CLOUD TYPE

Code	
0	Stratus or Fractostratus
1	Cirrus
2	Cirrostratus
3	Cirrocumulus
4	Altocumulus
5	Altostratus
6	Stratocumulus
7	Nimbostratus
8	Cumulus or Fractocumulus
9	Cumulonimbus

TABLE 4. CLOUD AMOUNT

Code	
0	No clouds
1	Less than 1/10 or 1/10
2	2/10 and 3/10
3	4/10
4	5/10
5	6/10
6	7/10 and 8/10
7	9/10 and 9/10 plus
8	10/10
9	Sky obscured

TABLE 5. SEA AMOUNT

Code	Mean Max. Height of Sea Waves in feet (Approx.)	Description
0	0	Calm (glassy)
1	0 - 1/3	Calm (rippled)
2	1/3 - 1 2/3	Smooth (wavelets)
3	1 2/3 - 4	Slight
4	4 - 8	Moderate
5	8 - 13	Rough
6	13 - 20	Very rough
7	20 - 30	High
8	30 - 45	Very high
9	over 45	Phenomenal*

* As might be expected in center of hurricane.

TABLE 6. SWELL AMOUNT

Code	Approximate Height (feet)	Description		Approximate Length (feet)
0	----	No swell		----
1	1 to 6	Low swell	Short or Average	0 to 600
2			Long	Above 600
3	6 to 12	Moderate	Short	0 to 300
4			Average	300 to 600
5			Long	Above 600
6	Greater than 12	High	Short	0 to 300
7			Average	300 to 600
8			Long	Above 600
9	----	Confused		----

TABLE 7. VISIBILITY

Code		
0	Dense fog ----------	50 yards
1	Thick fog ----------	200 yards
2	Fog ----------	400 yards
3	Moderate fog ----------	1000 yards
4	Thin fog or mist ----------	1 mile
5	Visibility poor ----------	2 miles
6	Visibility moderate ----------	5 miles
7	Visibility good ----------	10 miles
8	Visibility very good -------	30 miles
9	Visibility excellent ---	Over 30 miles

TABLE 8. WATER COLOR

Code (% yellow)	Description
00	--- Deep blue
10	--- Blue
20	--- Greenish-blue (or green blue)
30	--- Bluish-green (or blue green)
40	--- Green
50	--- Light Green
60	--- Yellowish-green
70	--- Yellow Green
80	--- Green Yellow
90	--- Greenish-yellow
99	--- Yellow

Consec. Sta. No. 1

SURFACE OBSERVATIONS

NODC REF. NO.	STATION	DATE				POSITION		SONIC DEPTH UNCORRECTED	MAX. SAMPLE DEPTH
		MO.	DAY	YEAR	HOUR	LATITUDE	LONGITUDE		
00658	PG1A	02	16	1960	12	27° 20′ N	050° 58′ E	0065	01

WIND		ANEMO. HGT.	AIR PRESS.	AIR TEMPERATURE		HUMIDITY	WEATHER	CLOUD		SEA		SWELL		VIS.	WATER	
SPEED	DIR.			DRY ↓	WET ↓			TYPE	AMT.	DIR.	AMT.	DIR.	AMT.		COL.	TRANS.
34			18	21 7			02	0	2	32	1			7		

SUBSURFACE OBSERVATIONS

	SAMPLE DEPTH (M)	T °C ↓	S °/₀₀ ↓	σ_t ↓	Σ ΔD ↓	O_2 ml/l ↓	v_l ↓
STD	0000	20 52	40 28	28 67	0 000-		50189
OBS	0000	20 52	40 28	28 67			50189
STD	0010	20 47	40 28	28 68	0 005-		50190
STD	0020	20 44	40 27	28 68	0 010-		50192
OBS	0025	20 42	40 27	28 69			50193
STD	0030	20 41	40 27	28 69	0 016-		50195
STD	0050	20 37	40 28	28 71	0 026-		50202
OBS	0055	20 37	40 28	28 71			50205

Consec. Sta. No. 2

SURFACE OBSERVATIONS

NODC REF. NO.	STATION	DATE				POSITION		SONIC DEPTH UNCORRECTED	MAX. SAMPLE DEPTH
		MO.	DAY	YEAR	HOUR	LATITUDE	LONGITUDE		
00658	PG14	02	17	1960	12	28° 59′ N	050° 40′ E	0021	00

WIND		ANEMO. HGT.	AIR PRESS.	AIR TEMPERATURE		HUMIDITY	WEATHER	CLOUD		SEA		SWELL		VIS.	WATER	
SPEED	DIR.			DRY ↓	WET ↓			TYPE	AMT.	DIR.	AMT.	DIR.	AMT.		COL.	TRANS.
30			16	23 9			02	4	8	29	1			7		

SUBSURFACE OBSERVATIONS

	SAMPLE DEPTH (M)	T °C ↓	S °/₀₀ ↓	σ_t ↓	Σ ΔD ↓	O_2 ml/l ↓	v_l ↓
STD	0000	19 78	40 50	29 04	0 000-		50132
OBS	0000	19 78	40 50	29 04			50132
OBS	0005	19 20	40 49	29 18			50083
STD	0010	19 11	40 50	29 22	0 009-		50078
OBS	0010	19 11	40 50	29 22			50078
OBS	0015	19 08	40 49	29 22			50078
STD	0020	19 08	40 49	29 22	0 020-		50080
OBS	0020	19 08	40 49	29 22			50080

Consec. Sta. No. 3

SURFACE OBSERVATIONS

NODC REF. NO.	STATION	DATE				POSITION		SONIC DEPTH UNCORRECTED	MAX. SAMPLE DEPTH
		MO.	DAY	YEAR	HOUR	LATITUDE	LONGITUDE		
00658	PG12	02	19	1960	06	29° 14′ N	050° 21′ E	0022	00

WIND		ANEMO. HGT.	AIR PRESS.	AIR TEMPERATURE		HUMIDITY	WEATHER	CLOUD		SEA		SWELL		VIS.	WATER	
SPEED	DIR.			DRY ↓	WET ↓			TYPE	AMT.	DIR.	AMT.	DIR.	AMT.		COL.	TRANS.
32			19	23 9			01	6	2	32	2			7		

SUBSURFACE OBSERVATIONS

	SAMPLE DEPTH (M)	T °C ↓	S °/₀₀ ↓	σ_t ↓	Σ ΔD ↓	O_2 ml/l ↓	v_l ↓
STD	0000	18 26	40 66	29 56	0 000-		50002
OBS	0000	18 26	40 66	29 56			50002
OBS	0005	18 28	40 64	29 54			50005
STD	0010	18 30	40 66	29 55	0 013-		50011
OBS	0010	18 30	40 66	29 55			50011
OBS	0015	18 37	40 64	29 52			50019
STD	0020	18 24	40 69	29 59	0 027-		50012
OBS	0020	18 24	40 69	29 59			50012

Consec. Sta. No. 4 — SURFACE OBSERVATIONS

NODC REF. NO.	STATION	DATE MO	DAY	YEAR	HOUR	POSITION LATITUDE	LONGITUDE	SONIC DEPTH UNCORRECTED	MAX. SAMPLE DEPTH
00658	PG11	02	19	1960	19	28° 57′ N	050° 03′ E	0049	00

WIND SPEED	WIND DIR.	ANEMO. HGT.	AIR PRESS.	AIR TEMPERATURE DRY	WET	HUMIDITY	WEATHER	CLOUD TYPE	CLOUD AMT.	SEA DIR.	SEA AMT.	SWELL DIR.	SWELL AMT.	VIS.	WATER COL.	WATER TRANS.
32			17	18 3			02		0	32	1			7		

SUBSURFACE OBSERVATIONS

	SAMPLE DEPTH (M)	T °C	S °/₀₀	σ_t	$\Sigma \Delta D$	O_2 ml/l	V_l
STD	0000	19 15	40 83	29 46	0 000-		50089
OBS	0000	19 15	40 83	29 46			50089
OBS	0005	19 15	40 83	29 46			50092
STD	0010	19 17	40 84	29 46	0 013-		50097
OBS	0010	19 17	40 84	29 46			50097
STD	0020	19 10	40 82	29 46	0 025-		50095
OBS	0020	19 10	40 82	29 46			50095
STD	0030	19 07	40 85	29 50	0 038-		50099
OBS	0030	19 07	40 85	29 50			50099
OBS	0040	19 09	40 82	29 47			50105
OBS	0049	19 08	40 89	29 52			50112

Consec. Sta. No. 5 — SURFACE OBSERVATIONS

NODC REF. NO.	STATION	DATE MO.	DAY	YEAR	HOUR	POSITION LATITUDE	LONGITUDE	SONIC DEPTH UNCORRECTED	MAX. SAMPLE DEPTH
00658	PG15	02	20	1960	00	28° 44′ N	050° 40′ E	0037	00

WIND SPEED	WIND DIR	ANEMO. HGT.	AIR PRESS.	AIR TEMPERATURE DRY	WET	HUMIDITY	WEATHER	CLOUD TYPE	CLOUD AMT.	SEA DIR.	SEA AMT.	SWELL DIR.	SWELL AMT.	VIS.	WATER COL.	WATER TRANS.
34			16	18 9			02		0	34	1			7		

SUBSURFACE OBSERVATIONS

	SAMPLE DEPTH (M)	T °C	S °/₀₀	σ_t	$\Sigma \Delta D$	O_2 ml/l	V_l
STD	0000	19 03	40 37	29 14	0 000-		50060
OBS	0000	19 03	40 37	29 14			50060
OBS	0005	19 02	40 37	29 14			50062
STD	0010	19 03	40 37	29 14	0 010-		50066
OBS	0010	19 03	40 37	29 14			50066
STD	0020	18 99	40 37	29 15	0 019-		50068
OBS	0020	18 99	40 37	29 15			50068
STD	0030	18 93	40 38	29 17	0 029-		50068
OBS	0030	18 93	40 38	29 17			50068
OBS	0035	18 91	40 39	29 18			50069

Consec. Sta. No. 6 — SURFACE OBSERVATIONS

NODC REF. NO.	STATION	DATE MO.	DAY	YEAR	HOUR	POSITION LATITUDE	LONGITUDE	SONIC DEPTH UNCORRECTED	MAX. SAMPLE DEPTH
00658	PG21	02	20	1960	08	28° 32′ N	051° 00′ E	0013	00

WIND SPEED	WIND DIR	ANEMO. HGT.	AIR PRESS.	AIR TEMPERATURE DRY	WET	HUMIDITY	WEATHER	CLOUD TYPE	CLOUD AMT.	SEA DIR.	SEA AMT.	SWELL DIR	SWELL AMT.	VIS.	WATER COL	WATER TRANS
14			16	20 0			02	8	4	14	1			7		

SUBSURFACE OBSERVATIONS

	SAMPLE DEPTH (M)	T °C	S °/₀₀	σ_t	$\Sigma \Delta D$	O_2 ml/l	V_l
STD	0000	19 04	40 26	29 05	0 000-		50057
OBS	0000	19 04	40 26	29 05			50057
OBS	0005	19 07	40 26	29 04			50062
STD	0010	18 83	40 27	29 11	0 009-		50044
OBS	0010	18 83	40 27	29 11			50044
OBS	0014	18 82	40 26	29 11			50045

Consec. Sta. No. 7 — SURFACE OBSERVATIONS

NODC REF. NO.	STATION	DATE				POSITION		SONIC DEPTH UNCORRECTED	MAX. SAMPLE DEPTH
		MO.	DAY	YEAR	HOUR	LATITUDE	LONGITUDE		
00658	PG20	02	20	1960	12	28 ° 07 ′ N	050 ° 50 ′ E	0055	01

WIND		ANEMO. HGT.	AIR PRESS.	AIR TEMPERATURE		HUMIDITY	WEATHER	CLOUD		SEA		SWELL		VIS.	WATER	
SPEED	DIR.			DRY ↓	WET ↓			TYPE	AMT.	DIR.	AMT.	DIR.	AMT.		COL.	TRANS.
33			13	18 3			02	8	1	33	3			7		

SUBSURFACE OBSERVATIONS

	SAMPLE DEPTH (M)	T °C ↓	S °/₀₀ ↓	σ_t ↓	Σ ΔD ↓	O_2 ml/l ↓	V_t ↓
STD	0000	19 55	40 26	28 92	0 000-		50103
OBS	0000	19 55	40 26	28 92			50103
OBS	0005	19 54	40 27	28 93			50105
STD	0010	19 54	40 27	28 93	0 007-		50108
OBS	0010	19 54	40 27	28 93			50108
STD	0020	19 46	40 26	28 94	0 015-		50105
OBS	0020	19 46	40 26	28 94			50105
STD	0030	19 31	40 25	28 97	0 023-		50097
OBS	0030	19 31	40 25	28 97			50097
OBS	0040	19 33	40 26	28 97			50105
STD	0050	19 61	40 64	29 19	0 040-		50150
OBS	0050	19 61	40 64	29 19			50150
OBS	0055	19 59	40 66	29 21			50152

Consec. Sta. No. 8 — SURFACE OBSERVATIONS

NODC REF. NO.	STATION	DATE				POSITION		SONIC DEPTH UNCORRECTED	MAX. SAMPLE DEPTH
		MO.	DAY	YEAR	HOUR	LATITUDE	LONGITUDE		
00658	PG24	02	20	1960	17	27 ° 22 ′ N	051 ° 07 ′ E	0058	01

WIND		ANEMO. HGT.	AIR PRESS.	AIR TEMPERATURE		HUMIDITY	WEATHER	CLOUD		SEA		SWELL		VIS.	WATER	
SPEED	DIR.			DRY ↓	WET ↓			TYPE	AMT.	DIR.	AMT.	DIR.	AMT.		COL.	TRANS.
30			14	18 9			02		0	30	3			7		

SUBSURFACE OBSERVATIONS

	SAMPLE DEPTH (M)	T °C ↓	S °/₀₀ ↓	σ_t ↓	Σ ΔD ↓	O_2 ml/l ↓	V_t ↓
STD	0000	20 39	39 84	28 37	0 000-		50160
OBS	0000	20 39	39 84	28 37			50160
OBS	0005	20 39	39 84	28 37			50163
STD	0010	20 38	39 85	28 38	0 002-		50165
OBS	0010	20 38	39 85	28 38			50165
OBS	0015	20 40	39 86	28 38			50170
STD	0020	20 33	40 06	28 55	0 005-		50174
OBS	0025	20 29	40 18	28 65			50178
STD	0030	20 30	40 21	28 67	0 010-		50183
OBS	0035	20 30	40 22	28 68			50186
OBS	0045	20 27	40 22	28 69			50189
STD	0050	20 28	40 22	28 69	0 020-		50192
OBS	0063	20 29	40 22	28 68			50200

Consec. Sta. No. 9

SURFACE OBSERVATIONS

NODC REF. NO.	STATION	DATE				POSITION		SONIC DEPTH UNCORRECTED	MAX. SAMPLE DEPTH
		MO.	DAY	YEAR	HOUR	LATITUDE	LONGITUDE		
00658	PG23	02	22	1960	11	27° 06′ N	050° 46′ E	0055	01

WIND		ANEMO. HGT.	AIR PRESS.	AIR TEMPERATURE		HUMIDITY	WEATHER	CLOUD		SEA		SWELL		VIS.	WATER	
SPEED	DIR.			DRY ↓	WET ↓			TYPE	AMT.	DIR.	AMT.	DIR	AMT.		COL.	TRANS.
16			16	21 7			02		9	16	1			7		

SUBSURFACE OBSERVATIONS

	SAMPLE DEPTH (M)	T °C ↓	S °/₀₀ ↓	σ_t ↓	Σ Δ D ↓	O_2, ml/l ↓	V_l ↓
STD	0000	20 94	40 28	28 55	0 000–		50225
OBS	0000	20 94	40 28	28 55			50225
OBS	0005	20 51	40 27	28 66			50190
STD	0010	20 43	40 27	28 68	0 005–		50186
OBS	0010	20 43	40 27	28 68			50186
STD	0020	20 38	40 28	28 71	0 010–		50187
OBS	0020	20 38	40 28	28 71			50187
STD	0030	20 36	40 30	28 73	0 015–		50192
OBS	0030	20 36	40 30	28 73			50192
OBS	0040	20 14	40 41	28 87			50182
STD	0050	20 02	40 48	28 96	0 029–		50180
OBS	0050	20 02	40 48	28 96			50180
OBS	0055	20 03	40 48	28 95			50183

Consec. Sta. No. 10

SURFACE OBSERVATIONS

NODC REF. NO.	STATION	DATE				POSITION		SONIC DEPTH UNCORRECTED	MAX. SAMPLE DEPTH
		MO.	DAY	YEAR	HOUR	LATITUDE	LONGITUDE		
00658	PG27	02	22	1960	21	26° 54′ N	051° 41′ E	0053	01

WIND		ANEMO. HGT.	AIR PRESS.	AIR TEMPERATURE		HUMIDITY	WEATHER	CLOUD		SEA		SWELL		VIS.	WATER	
SPEED	DIR.			DRY ↓	WET ↓			TYPE	AMT.	DIR.	AMT.	DIR	AMT.		COL.	TRANS.
10			15	20 0			02		0	10	1			7		

SUBSURFACE OBSERVATIONS

	SAMPLE DEPTH (M)	T °C ↓	S °/₀₀ ↓	σ_t ↓	Σ Δ D ↓	O_2, ml/l ↓	V_l ↓
STD	0000	21 37	39 64	27 94	0 000		50236
OBS	0000	21 37	39 64	27 94			50236
OBS	0005	21 37	39 64	27 94			50239
STD	0010	21 27	39 62	27 96	0 002		50232
OBS	0010	21 27	39 62	27 96			50232
STD	0020	20 95	39 62	28 04	0 003		50211
OBS	0020	20 95	39 62	28 04			50211
STD	0030	20 77	39 79	28 22	0 003		50207
OBS	0030	20 77	39 79	28 22			50207
OBS	0040	20 69	39 79	28 25			50206
STD	0050	20 60	39 81	28 29	0 001		50204
OBS	0050	20 60	39 81	28 29			50204
OBS	0053	20 65	39 82	28 28			50210

Consec. Stæ. No. 11 — SURFACE OBSERVATIONS

NODC REF. NO.	STATION	DATE				POSITION		SONIC DEPTH UNCORRECTED	MAX. SAMPLE DEPTH
		MO.	DAY	YEAR	HOUR	LATITUDE	LONGITUDE		
00658	PG26	02	23	1960	00	27 ° 16 ′ N	051 ° 56 ′ E	0050	00

WIND		ANEMO. HGT.	AIR PRESS.	AIR TEMPERATURE		HUMIDITY	WEATHER	CLOUD		SEA		SWELL		VIS.	WATER	
SPEED	DIR.			DRY ↓	WET ↓			TYPE	AMT.	DIR.	AMT.	DIR.	AMT.		COL.	TRANS.
32			15	21 1			02		0	34	1			7		

SUBSURFACE OBSERVATIONS

	SAMPLE DEPTH (M)	T °C ↓	S °/₀₀ ↓	σ_t ↓	Σ Δ D ↓	O_2 ml/l ↓	v_l ↓
STD	0000	21 85	38 96	27 29	0 000		50250
OBS	0000	21 85	38 96	27 29			50250
OBS	0005	21 88	38 97	27 29			50256
STD	0010	21 72	39 10	27 43	0 007		50250
OBS	0010	21 72	39 10	27 43			50250
STD	0020	21 67	39 14	27 48	0 014		50253
OBS	0020	21 67	39 14	27 48			50253
STD	0030	22 03	39 55	27 69	0 019		50304
OBS	0030	22 03	39 55	27 69			50304
OBS	0040	22 31	39 97	27 93			50349
STD	0050	22 29	39 97	27 93	0 025		50352
OBS	0050	22 29	39 97	27 93			50352

Consec. Sta. No. 12 — SURFACE OBSERVATIONS

NODC REF. NO.	STATION	DATE				POSITION		SONIC DEPTH UNCORRECTED	MAX. SAMPLE DEPTH
		MO.	DAY	YEAR	HOUR	LATITUDE	LONGITUDE		
00658	PG25	02	23	1960	06	27 ° 42 ′ N	051 ° 25 ′ E	0018	00

WIND		ANEMO. HGT.	AIR PRESS.	AIR TEMPERATURE		HUMIDITY	WEATHER	CLOUD		SEA		SWELL		VIS.	WATER	
SPEED	DIR.			DRY ↓	WET ↓			TYPE	AMT.	DIR.	AMT.	DIR.	AMT.		COL.	TRANS.
33			17	21 7			02		0	33	1			7		

SUBSURFACE OBSERVATIONS

	SAMPLE DEPTH (M)	T °C ↓	S °/₀₀ ↓	σ_t ↓	Σ Δ D ↓	O_2 ml/l ↓	v_l ↓
STD	0000	21 13	39 31	27 76	0 000		50203
OBS	0000	21 13	39 31	27 76			50203
OBS	0005	21 10	39 33	27 78			50204
STD	0010	20 89	39 50	27 97	0 003		50195
OBS	0010	20 89	39 50	27 97			50195
OBS	0015	20 81	39 54	28 02			50193
OBS	0018	20 78	39 56	28 05			50193

Consec. Sta. No. 13 — SURFACE OBSERVATIONS

NODC REF. NO.	STATION	DATE				POSITION		SONIC DEPTH UNCORRECTED	MAX. SAMPLE DEPTH
		MO.	DAY	YEAR	HOUR	LATITUDE	LONGITUDE		
00658	PG25	02	23	1960	12	27 ° 42 ′ N	051 ° 25 ′ E	0018	00

WIND		ANEMO. HGT	AIR PRESS.	AIR TEMPERATURE		HUMIDITY	WEATHER	CLOUD		SEA		SWELL		VIS.	WATER	
SPEED	DIR.			DRY ↓	WET ↓			TYPE	AMT.	DIR	AMT.	DIR.	AMT.		COL.	TRANS.
28			16	21 1			02		0	28	1			7		

SUBSURFACE OBSERVATIONS

	SAMPLE DEPTH (M)	T °C ↓	S °/₀₀ ↓	σ_t ↓	Σ Δ D ↓	O_2 ml/l ↓	v_l ↓
STD	0000	22 00	39 14	27 38	0 000		50270
OBS	0000	22 00	39 14	27 38			50270
STD	0010	21 35	39 19	27 60	0 006		50223
OBS	0010	21 35	39 19	27 60			50223
OBS	0018	21 29	39 25	27 67			50224

Consec. Sta. No. 14 — SURFACE OBSERVATIONS

NODC REF. NO.	STATION	DATE MO.	DAY	YEAR	HOUR	POSITION LATITUDE	LONGITUDE	SONIC DEPTH UNCORRECTED	MAX. SAMPLE DEPTH
00658	PG25	02	23	1960	24	27 42 N	051 25 E	0018	00

WIND SPEED	WIND DIR	ANEMO. HGT.	AIR PRESS.	AIR TEMPERATURE DRY ↓	AIR TEMPERATURE WET ↓	HUMIDITY	WEATHER	CLOUD TYPE	CLOUD AMT.	SEA DIR	SEA AMT	SWELL DIR	SWELL AMT.	VIS	WATER COL.	WATER TRANS.
35			15	20 6			02		0	35	2			7		

SUBSURFACE OBSERVATIONS

	SAMPLE DEPTH (M)	T °C ↓	S °/₀₀ ↓	σ_t ↓	Σ ΔD ↓	O_2 ml/l ↓	V_l ↓
STD	0000	21 03	39 49	27 92	0 000		50202
OBS	0000	21 03	39 49	27 92			50202
STD	0010	21 06	39 50	27 92	0 002		50210
OBS	0010	21 06	39 50	27 92			50210
OBS	0018	21 03	39 49	27 92			50211

Consec. Sta. No. 15 — SURFACE OBSERVATIONS

NODC REF. NO.	STATION	DATE MO.	DAY	YEAR	HOUR	POSITION LATITUDE	LONGITUDE	SONIC DEPTH UNCORRECTED	MAX. SAMPLE DEPTH
00658	PG25	02	24	1960	06	27 42 N	051 25 E	0018	00

WIND SPEED	WIND DIR.	ANEMO. HGT.	AIR PRESS.	AIR TEMPERATURE DRY ↓	AIR TEMPERATURE WET ↓	HUMIDITY	WEATHER	CLOUD TYPE	CLOUD AMT.	SEA DIR	SEA AMT.	SWELL DIR	SWELL AMT.	VIS	WATER COL.	WATER TRANS.
32			16	19 4			05		0	31	2			5		

SUBSURFACE OBSERVATIONS

	SAMPLE DEPTH (M)	T °C ↓	S °/₀₀ ↓	σ_t ↓	Σ ΔD ↓	O_2 ml/l ↓	V_l ↓
STD	0000	21 42	39 19	27 59	0 000		50223
OBS	0000	21 42	39 19	27 59			50223
STD	0010	21 39	39 26	27 65	0 005		50229
OBS	0010	21 39	39 26	27 65			50229
OBS	0019	21 20	39 36	27 78			50221

Consec. Sta. No. 16 — SURFACE OBSERVATIONS

NODC REF. NO.	STATION	DATE MO.	DAY	YEAR	HOUR	POSITION LATITUDE	LONGITUDE	SONIC DEPTH UNCORRECTED	MAX. SAMPLE DEPTH
00658	PG25	02	24	1960	12	27 42 N	051 25 E	0018	00

WIND SPEED	WIND DIR	ANEMO. HGT	AIR PRESS.	AIR TEMPERATURE DRY ↓	AIR TEMPERATURE WET ↓	HUMIDITY	WEATHER	CLOUD TYPE	CLOUD AMT.	SEA DIR	SEA AMT.	SWELL DIR.	SWELL AMT.	VIS	WATER COL.	WATER TRANS.
32			13	21 7			05		0	30	3			6		

SUBSURFACE OBSERVATIONS

	SAMPLE DEPTH (M)	T °C ↓	S °/₀₀ ↓	σ_t ↓	Σ ΔD ↓	O_2 ml/l ↓	V_l ↓
STD	0000	21 87	39 01	27 32	0 000		50254
OBS	0000	21 87	39 01	27 32			50254
STD	0010	21 60	39 06	27 44	0 007		50239
OBS	0010	21 60	39 06	27 44			50239
OBS	0018	21 53	39 09	27 48			50238

Consec. Sta. No. 17 — SURFACE OBSERVATIONS

NODC REF. NO.	STATION	DATE				POSITION		SONIC DEPTH UNCORRECTED	MAX. SAMPLE DEPTH
		MO.	DAY	YEAR	HOUR	LATITUDE	LONGITUDE		
00658	PG25	02	24	1960	19	27° 42′ N	051° 25′ E	0018	00

WIND		ANEMO. HGT.	AIR PRESS.	AIR TEMPERATURE		HUMIDITY	WEATHER	CLOUD		SEA		SWELL		VIS.	WATER	
SPEED	DIR			DRY ↓	WET ↓			TYPE	AMT.	DIR.	AMT.	DIR.	AMT.		COL.	TRANS.
34			13	20 1			05		0	31	1			5		

SUBSURFACE OBSERVATIONS

	SAMPLE DEPTH (M)	T °C ↓	S °/₀₀ ↓	σ_t ↓	Σ ΔD ↓	O_2 ml/l ↓	v_l ↓
STD	0000	21 47	39 16	27 55	0 000		50226
OBS	0000	21 47	39 16	27 55			50226
STD	0010	21 45	39 18	27 57	0 005		50231
OBS	0010	21 45	39 18	27 57			50231
OBS	0018	21 39	39 20	27 60			50231

Consec. Sta. No. 18 — SURFACE OBSERVATIONS

NODC REF. NO.	STATION	DATE				POSITION		SONIC DEPTH UNCORRECTED	MAX. SAMPLE DEPTH
		MO.	DAY	YEAR	HOUR	LATITUDE	LONGITUDE		
00658	PG22	02	26	1960	10	27° 40′ N	050° 36′ E	0055	01

WIND		ANEMO. HGT.	AIR PRESS.	AIR TEMPERATURE		HUMIDITY	WEATHER	CLOUD		SEA		SWELL		VIS.	WATER	
SPEED	DIR.			DRY ↓	WET ↓			TYPE	AMT.	DIR.	AMT.	DIR	AMT.		COL	TRANS.
36			12	25 0			01	0	1	36	1			7		

SUBSURFACE OBSERVATIONS

	SAMPLE DEPTH (M)	T °C ↓	S °/₀₀ ↓	σ_t ↓	Σ ΔD ↓	O_2 ml/l ↓	v_l ↓
STD	0000	20 77	40 51	28 77	0 000-		50219
OBS	0000	20 77	40 51	28 77			50219
OBS	0005	20 40	40 51	28 88			50190
STD	0010	20 27	40 51	28 91	0 007-		50181
OBS	0010	20 27	40 51	28 91			50181
STD	0020	20 16	40 53	28 96	0 014-		50178
OBS	0020	20 16	40 53	28 96			50178
STD	0030	20 01	40 52	28 99	0 022-		50170
OBS	0030	20 01	40 52	28 99			50170
OBS	0040	19 96	40 54	29 02			50171
STD	0050	19 95	40 53	29 01	0 038-		50176
OBS	0050	19 95	40 53	29 01			50176
OBS	0055	19 96	40 52	29 00			50179

Consec. Sta. No. 19 — SURFACE OBSERVATIONS

NODC REF. NO.	STATION	DATE MO.	DAY	YEAR	HOUR	POSITION LATITUDE	LONGITUDE	SONIC DEPTH UNCORRECTED	MAX. SAMPLE DEPTH
00658	PG19	02	26	1960	13	27 ° 52 ′ N	050 ° 15 ′ E	0058	01

WIND SPEED	WIND DIR.	ANEMO HGT.	AIR PRESS.	AIR TEMPERATURE DRY ↓	AIR TEMPERATURE WET ↓	HUMIDITY	WEATHER	CLOUD TYPE	CLOUD AMT.	SEA DIR.	SEA AMT.	SWELL DIR.	SWELL AMT.	VIS.	WATER COL.	WATER TRANS.
35			11	23 9			02		0	31	1			7		

SUBSURFACE OBSERVATIONS

	SAMPLE DEPTH (M)	T °C ↓	S °/₀₀ ↓	σ_t ↓	Σ Δ D ↓	O_2 ml/l ↓	V_l ↓
STD	0000	20 86	40 62	28 83	0 000–		50231
OBS	0000	20 86	40 62	28 83			50231
OBS	0005	20 15	40 62	29 03			50172
STD	0010	19 75	40 64	29 15	0 008–		50141
OBS	0010	19 75	40 64	29 15			50141
STD	0020	19 42	40 69	29 28	0 018–		50119
OBS	0020	19 42	40 69	29 28			50119
STD	0030	19 29	40 72	29 34	0 029–		50114
OBS	0030	19 29	40 72	29 34			50114
OBS	0040	19 21	40 73	29 37			50112
STD	0050	19 20	40 74	29 38	0 052–		50117
OBS	0050	19 20	40 74	29 38			50117
OBS	0058	19 19	40 75	29 39			50121

Consec. Sta. No. 20 — SURFACE OBSERVATIONS

NODC REF. NO.	STATION	DATE MO.	DAY	YEAR	HOUR	POSITION LATITUDE	LONGITUDE	SONIC DEPTH UNCORRECTED	MAX. SAMPLE DEPTH
00658	PG18	02	26	1960	15	28 ° 02 ′ N	049 ° 51 ′ E	0046	00

WIND SPEED	WIND DIR.	ANEMO. HGT.	AIR PRESS.	AIR TEMPERATURE DRY ↓	AIR TEMPERATURE WET ↓	HUMIDITY	WEATHER	CLOUD TYPE	CLOUD AMT.	SEA DIR.	SEA AMT.	SWELL DIR.	SWELL AMT.	VIS.	WATER COL.	WATER TRANS.
15			11	22 8			02		0	15	1			7		

SUBSURFACE OBSERVATIONS

	SAMPLE DEPTH (M)	T °C ↓	S °/₀₀ ↓	σ_t ↓	Σ Δ D ↓	O_2 ml/l ↓	V_l ↓
STD	0000	20 13	40 69	29 09	0 000–		50171
OBS	0000	20 13	40 69	29 09			50171
OBS	0005	20 08	40 72	29 12			50170
STD	0010	19 51	40 71	29 27	0 010–		50122
OBS	0010	19 51	40 71	29 27			50122
STD	0020	19 24	40 75	29 37	0 021–		50105
OBS	0020	19 24	40 75	29 37			50105
STD	0030	19 05	40 82	29 48	0 033–		50096
OBS	0030	19 05	40 82	29 48			50096
OBS	0040	18 98	41 03*	29 66*			
OBS	0045	18 98	40 94	29 59			50103

Consec. Sta. No. 21 — SURFACE OBSERVATIONS

NODC REF. NO.	STATION	DATE				POSITION		SONIC DEPTH UNCORRECTED	MAX. SAMPLE DEPTH
		MO.	DAY	YEAR	HOUR	LATITUDE	LONGITUDE		
00658	PG17	02	27	1960	10	28° 17′ N	050° 06′ E	0055	01

WIND		ANEMO. HGT.	AIR PRESS.	AIR TEMPERATURE		HUMIDITY	WEATHER	CLOUD		SEA		SWELL		VIS.	WATER	
SPEED	DIR			DRY ↓	WET ↓			TYPE	AMT.	DIR.	AMT.	DIR.	AMT.		COL.	TRANS.
32			15	23 9			02		0	33	1			7		

SUBSURFACE OBSERVATIONS

	SAMPLE DEPTH (M)	T °C ↓	S °/₀₀ ↓	σ_t ↓	Σ Δ D ↓	O_2 ml/l ↓	V_l ↓
STD	0000	20 26	40 55	28 95	0 000–		50177
OBS	0000	20 26	40 55	28 95			50177
OBS	0005	20 08	40 75*	29 15*			
STD	0010	19 90	40 58	29 07	0 008–		50152
OBS	0010	19 90	40 58	29 07			50152
STD	0020	19 69	40 57	29 12	0 017–		50138
OBS	0020	19 69	40 57	29 12			50138
STD	0030	19 43	40 75	29 32	0 028–		50127
OBS	0030	19 43	40 75	29 32			50127
STD	0050	18 95	40 83	29 51	0 052–		50098
OBS	0050	18 95	40 83	29 51			50098
OBS	0055	18 94	40 87	29 54			50102

Consec. Sta. No. 22 — SURFACE OBSERVATIONS

NODC REF NO.	STATION	DATE				POSITION		SONIC DEPTH UNCORRECTED	MAX. SAMPLE DEPTH
		MO.	DAY	YEAR	HOUR	LATITUDE	LONGITUDE		
00658	PG16	02	28	1960	00	28° 31′ N	050° 21′ E	0052	00

WIND		ANEMO. HGT.	AIR PRESS.	AIR TEMPERATURE		HUMID-ITY	WEATHER	CLOUD		SEA		SWELL		VIS.	WATER	
SPEED	DIR.			DRY ↓	WET ↓			TYPE	AMT.	DIR.	AMT.	DIR.	AMT.		COL.	TRANS.
34			12	20 0			02		0	34	2			7		

SUBSURFACE OBSERVATIONS

	SAMPLE DEPTH (M)	T °C ↓	S °/₀₀ ↓	σ_t ↓	Σ Δ D ↓	O_2 ml/l ↓	V_l ↓
STD	0000	19 99	40 58	29 04	0 000–		50154
OBS	0000	19 99	40 58	29 04			50154
OBS	0005	20 00	40 58	29 04			50158
STD	0010	19 98	40 58	29 04	0 009–		50159
OBS	0010	19 98	40 58	29 04			50159
STD	0020	19 79	40 58	29 10	0 017–		50147
OBS	0020	19 79	40 58	29 10			50147
STD	0030	19 58	40 65	29 21	0 027–		50137
OBS	0030	19 58	40 65	29 21			50137
OBS	0040	19 52	40 64	29 21			50136
STD	0050	19 50	40 66	29 24	0 047–		50141
OBS	0050	19 50	40 66	29 24			50141

Consec. Sta. No. 23 — SURFACE OBSERVATIONS

NODC REF. NO.	STATION	DATE				POSITION		SONIC DEPTH UNCORRECTED	MAX. SAMPLE DEPTH
		MO.	DAY	YEAR	HOUR	LATITUDE	LONGITUDE		
00658	PG10	02	28	1960	08	28° 44′ N	049° 42′ E	0046	00

WIND		ANEMO. HGT.	AIR PRESS.	AIR TEMPERATURE		HUMIDITY	WEATHER	CLOUD		SEA		SWELL		VIS.	WATER	
SPEED	DIR.			DRY ↓	WET ↓			TYPE	AMT.	DIR.	AMT.	DIR.	AMT.		COL.	TRANS.
32			13	21 7			02		0	32	2			7		

SUBSURFACE OBSERVATIONS

	SAMPLE DEPTH (M)	T °C ↓	S °/₀₀ ↓	σ_t ↓	Σ ΔD ↓	O_2 ml/l ↓	V_l ↓
STD	0000	19 60	40 88	29 38	0 000-		50131
OBS	0000	19 60	40 88	29 38			50131
OBS	0005	19 58	40 88	29 38			50132
STD	0010	19 51	40 88	29 40	0 012-		50129
OBS	0010	19 51	40 88	29 40			50129
STD	0020	19 37	40 88	29 44	0 024-		50122
OBS	0020	19 37	40 88	29 44			50122
STD	0030	18 75	41 00	29 69	0 038-		50076
OBS	0030	18 75	41 00	29 69			50076
OBS	0040	18 58	41 05	29 78			50068
OBS	0046	18 60	41 04	29 76			50073

Consec. Sta. No. 24 — SURFACE OBSERVATIONS

NODC REF. NO.	STATION	DATE				POSITION		SONIC DEPTH UNCORRECTED	MAX. SAMPLE DEPTH
		MO.	DAY	YEAR	HOUR	LATITUDE	LONGITUDE		
00658	PG09	02	28	1960	10	28° 33′ N	049° 24′ E	0043	00

WIND		ANEMO. HGT.	AIR PRESS.	AIR TEMPERATURE		HUMIDITY	WEATHER	CLOUD		SEA		SWELL		VIS.	WATER	
SPEED	DIR			DRY ↓	WET ↓			TYPE	AMT.	DIR.	AMT.	DIR	AMT		COL.	TRANS.
34			11	21 1			02	2	1	33	1			7		

SUBSURFACE OBSERVATIONS

	SAMPLE DEPTH (M)	T °C ↓	S °/₀₀ ↓	σ_t ↓	Σ ΔD ↓	O_2 ml/l ↓	V_l ↓
STD	0000	19 49	40 91	29 43	0 000-		50123
OBS	0000	19 49	40 91	29 43			50123
OBS	0005	19 51	40 90	29 42			50127
STD	0010	19 25	40 92	29 50	0 013-		50107
OBS	0010	19 25	40 92	29 50			50107
STD	0020	18 78	41 04	29 72	0 027-		50075
OBS	0020	18 78	41 04	29 72			50075
STD	0030	18 45	41 10	29 85	0 042-		50053
OBS	0030	18 45	41 10	29 85			50053
OBS	0040	18 38	41 12	29 88			50052

Consec. Sta. No. 25 — SURFACE OBSERVATIONS

NODC REF. NO.	STATION	DATE MO.	DAY	YEAR	HOUR	POSITION LATITUDE	LONGITUDE	SONIC DEPTH UNCORRECTED	MAX. SAMPLE DEPTH
00658	PG9A	02	28	1960	13	28° 43′ N	048° 54′ E	0037	00

WIND SPEED	WIND DIR	ANEMO. HGT.	AIR PRESS.	AIR TEMPERATURE DRY ↓	AIR TEMPERATURE WET ↓	HUMIDITY	WEATHER	CLOUD TYPE	CLOUD AMT.	SEA DIR.	SEA AMT.	SWELL DIR.	SWELL AMT.	VIS.	WATER COL.	WATER TRANS.
04			10	21 7			02	1	3	33	1			7		

SUBSURFACE OBSERVATIONS

	SAMPLE DEPTH (M)	T °C ↓	S °/₀₀ ↓	σ_t ↓	Σ ΔD ↓	O_2 ml/l ↓	v_l ↓
STD	0000	18 31	41 37	30 09	0 000–		50034
OBS	0000	18 31	41 37	30 09			50034
OBS	0005	18 21	41 36	30 11			50027
STD	0010	17 94	41 40	30 21	0 019–		50007
OBS	0010	17 94	41 40	30 21			50007
STD	0020	17 38	41 56	30 48	0 040–		49966
OBS	0020	17 38	41 56	30 48			49966
STD	0030	17 36	41 56	30 48	0 062–		49969
OBS	0030	17 36	41 56	30 48			49969
OBS	0036	17 34	41 55	30 48			49970

Consec. Sta. No. 26 — SURFACE OBSERVATIONS

NODC REF. NO.	STATION	DATE MO.	DAY	YEAR	HOUR	POSITION LATITUDE	LONGITUDE	SONIC DEPTH UNCORRECTED	MAX. SAMPLE DEPTH
00658	PG08	02	28	1960	16	29° 07′ N	049° 02′ E	0034	00

WIND SPEED	WIND DIR.	ANEMO. HGT	AIR PRESS.	AIR TEMPERATURE DRY ↓	AIR TEMPERATURE WET ↓	HUMIDITY	WEATHER	CLOUD TYPE	CLOUD AMT.	SEA DIR.	SEA AMT.	SWELL DIR.	SWELL AMT.	VIS.	WATER COL.	WATER TRANS.
14			09	20 0			02	5	2	14	1			7		

SUBSURFACE OBSERVATIONS

	SAMPLE DEPTH (M)	T °C ↓	S °/₀₀ ↓	σ_t ↓	Σ ΔD ↓	O_2 ml/l ↓	v_l ↓
STD	0000	18 91	41 27	29 86	0 000–		50085
OBS	0000	18 91	41 27	29 86			50085
STD	0010	18 58	41 26	29 94	0 017–		50060
OBS	0010	18 58	41 26	29 94			50060
OBS	0015	18 32	41 29	30 03			50040
STD	0020	18 15	41 30	30 08	0 034–		50028
OBS	0025	18 05	41 30	30 11			50021
STD	0030	18 01	41 31	30 12	0 053–		50020
OBS	0030	18 01	41 31	30 12			50020

Consec. Sta. No. 27 — SURFACE OBSERVATIONS

NODC REF. NO.	STATION	DATE MO.	DAY	YEAR	HOUR	POSITION LATITUDE	LONGITUDE	SONIC DEPTH UNCORRECTED	MAX. SAMPLE DEPTH
00658	PG01	02	29	1960	00	29° 42′ N	048° 50′ E	0017	00

WIND SPEED	WIND DIR.	ANEMO. HGT.	AIR PRESS.	AIR TEMPERATURE DRY ↓	AIR TEMPERATURE WET ↓	HUMIDITY	WEATHER	CLOUD TYPE	CLOUD AMT.	SEA DIR	SEA AMT	SWELL DIR	SWELL AMT	VIS	WATER COL.	WATER TRANS.
16			07	18 9			02	8	1	16	1			7		

SUBSURFACE OBSERVATIONS

	SAMPLE DEPTH (M)	T °C ↓	S °/₀₀ ↓	σ_t ↓	Σ ΔD ↓	O_2 ml/l ↓	v_l ↓
STD	0000	17 30	40 68	29 82	0 000–		49912
OBS	0000	17 30	40 68	29 82			49912
OBS	0008	17 32	40 89	29 98			49927
STD	0010	17 32	40 92	30 00	0 017–		49929
OBS	0016	17 33	40 96	30 03			49935

Consec. Sta. No. 28 — SURFACE OBSERVATIONS

NODC REF. NO.	STATION	DATE				POSITION		SONIC DEPTH UNCORRECTED	MAX. SAMPLE DEPTH
		MO.	DAY	YEAR	HOUR	LATITUDE	LONGITUDE		
00658	PG01	02	29	1960	03	29° 42′ N	048° 50′ E	0017	00

WIND		ANEMO. HGT.	AIR PRESS.	AIR TEMPERATURE		HUMIDITY	WEATHER	CLOUD		SEA		SWELL		VIS.	WATER	
SPEED	DIR			DRY ↓	WET ↓			TYPE	AMT.	DIR.	AMT	DIR	AMT.		COL.	TRANS.
12			06	18 9			03	8	4	15	1			7		

SUBSURFACE OBSERVATIONS

	SAMPLE DEPTH (M)	T °C ↓	S °/₀₀ ↓	σ_t ↓	Σ ΔD ↓	O_2 ml/l ↓	V_l ↓
STD	0000	17 43	39 35	28 76	0 000–		49871
OBS	0000	17 43	39 35	28 76			49871
OBS	0007	17 23	40 55	29 74			49904
STD	0010	17 19	40 63	29 81	0 011–		49905
OBS	0015	17 19	40 77	29 92			49914

Consec. Sta. No. 29 — SURFACE OBSERVATIONS

NODC REF. NO.	STATION	DATE				POSITION		SONIC DEPTH UNCORRECTED	MAX. SAMPLE DEPTH
		MO.	DAY	YEAR	HOUR	LATITUDE	LONGITUDE		
00658	PG01	02	29	1960	06	29° 42′ N	048° 50′ E	0016	00

WIND		ANEMO. HGT.	AIR PRESS.	AIR TEMPERATURE		HUMIDITY	WEATHER	CLOUD		SEA		SWELL		VIS.	WATER	
SPEED	DIR.			DRY ↓	WET ↓			TYPE	AMT.	DIR.	AMT.	DIR.	AMT.		COL.	TRANS.
15			08	19 4			02	4	3	14	2			7		

SUBSURFACE OBSERVATIONS

	SAMPLE DEPTH (M)	T °C ↓	S °/₀₀ ↓	σ_t ↓	Σ ΔD ↓	O_2 ml/l ↓	V_l ↓
STD	0000	17 47	39 90	29 18	0 000–		49897
OBS	0000	17 47	39 90	29 18			49897
OBS	0008	17 22	40 35	29 59			49896
STD	0010	17 23	40 46	29 67	0 012–		49902
OBS	0016	17 25	40 81	29 93			49921

Consec. Sta. No. 30 — SURFACE OBSERVATIONS

NODC REF. NO	STATION	DATE				POSITION		SONIC DEPTH UNCORRECTED	MAX. SAMPLE DEPTH
		MO	DAY	YEAR	HOUR	LATITUDE	LONGITUDE		
00658	PG01	02	29	1960	09	29° 42′ N	048° 50′ E	0016	00

WIND		ANEMO. HGT.	AIR PRESS.	AIR TEMPERATURE		HUMID. ITY	WEATHER	CLOUD		SEA		SWELL		VIS.	WATER	
SPEED	DIR.			DRY ↓	WET ↓			TYPE	AMT.	DIR.	AMT.	DIR.	AMT.		COL.	TRANS.
16			05	21 1			02	6	2	14	2			7		

SUBSURFACE OBSERVATIONS

	SAMPLE DEPTH (M)	T °C ↓	S °/₀₀ ↓	σ_t ↓	Σ ΔD ↓	O_2 ml/l ↓	V_l ↓
STD	0000	17 52	40 88	29 92	0 000–		49941
OBS	0000	17 52	40 88	29 92			49941
OBS	0008	17 44	40 93	29 98			49940
STD	0010	17 42	40 94	29 99	0 017–		49940
OBS	0016	17 38	40 97	30 02			49940

Consec. Sta. No. 31 — SURFACE OBSERVATIONS

NODC REF. NO	STATION	DATE MO	DAY	YEAR	HOUR	POSITION LATITUDE	LONGITUDE	SONIC DEPTH UNCORRECTED	MAX. SAMPLE DEPTH
00658	PG01	02	29	1960	16	29° 42′ N	048° 50′ E	0016	00

WIND SPEED	WIND DIR	ANEMO. HGT.	AIR PRESS.	AIR TEMPERATURE DRY ↓	AIR TEMPERATURE WET ↓	HUMIDITY	WEATHER	CLOUD TYPE	CLOUD AMT.	SEA DIR.	SEA AMT.	SWELL DIR	SWELL AMT.	VIS.	WATER COL.	WATER TRANS.
19			06	18 9			02	6	4	19	2			7		

	SAMPLE DEPTH (M)	T °C ↓	S °/₀₀ ↓	σ_t ↓	$\Sigma\Delta D$ ↓	O_2 ml/l ↓	v_t ↓
STD	0000	17 61	40 27	29 43	0 000-		49925
OBS	0000	17 61	40 27	29 43			49925
OBS	0008	17 41	40 65	29 77			49926
STD	0010	17 38	40 70	29 82	0 014-		49926
OBS	0016	17 36	40 74	29 85			49929

Consec. Sta. No. 32 — SURFACE OBSERVATIONS

NODC REF. NO.	STATION	DATE MO.	DAY	YEAR	HOUR	POSITION LATITUDE	LONGITUDE	SONIC DEPTH UNCORRECTED	MAX. SAMPLE DEPTH
00658	PG01	02	29	1960	18	29° 42′ N	048° 50′ E	0016	00

WIND SPEED	WIND DIR.	ANEMO. HGT.	AIR PRESS.	AIR TEMPERATURE DRY ↓	AIR TEMPERATURE WET ↓	HUMIDITY	WEATHER	CLOUD TYPE	CLOUD AMT.	SEA DIR.	SEA AMT.	SWELL DIR.	SWELL AMT.	VIS.	WATER COL.	WATER TRANS.
31			08	19 4			02		0	35	1			7		

	SAMPLE DEPTH (M)	T °C ↓	S °/₀₀ ↓	σ_t ↓	$\Sigma\Delta D$ ↓	O_2 ml/l ↓	v_t ↓
STD	0000	17 60	40 07	29 28	0 000-		49916
OBS	0000	17 60	40 07	29 28			49916
OBS	0007	17 51	40 61	29 71			49933
STD	0010	17 47	40 75	29 83	0 013-		49937
OBS	0015	17 42	40 85	29 92			49939

Consec. Sta. No. 33 — SURFACE OBSERVATIONS

NODC REF. NO.	STATION	DATE MO.	DAY	YEAR	HOUR	POSITION LATITUDE	LONGITUDE	SONIC DEPTH UNCORRECTED	MAX. SAMPLE DEPTH
00658	PG01	02	29	1960	22	29° 42′ N	048° 50′ E	0016	00

WIND SPEED	WIND DIR.	ANEMO. HGT.	AIR PRESS.	AIR TEMPERATURE DRY ↓	AIR TEMPERATURE WET ↓	HUMIDITY	WEATHER	CLOUD TYPE	CLOUD AMT.	SEA DIR.	SEA AMT.	SWELL DIR.	SWELL AMT.	VIS.	WATER COL.	WATER TRANS.
36			08	18 3			02		0	36	2			7		

	SAMPLE DEPTH (M)	T °C ↓	S °/₀₀ ↓	σ_t ↓	$\Sigma\Delta D$ ↓	O_2 ml/l ↓	v_t ↓
STD	0000	17 46	40 85	29 91	0 000-		49934
OBS	0000	17 46	40 85	29 91			49934
OBS	0007	17 55	40 99	30 00			49952
STD	0010	17 55	41 00	30 00	0 017-		49954
OBS	0015	17 54	41 01	30 01			49956

Consec. Sta. No. 34 — SURFACE OBSERVATIONS

NODC REF. NO.	STATION	DATE				POSITION		SONIC DEPTH UNCORRECTED	MAX. SAMPLE DEPTH
		MO.	DAY	YEAR	HOUR	LATITUDE	LONGITUDE		
00658	PG01	03	01	1960	00	29° 42′ N	048° 50′ E	0016	00

WIND		ANEMO. HGT	AIR PRESS.	AIR TEMPERATURE		HUMIDITY	WEATHER	CLOUD		SEA		SWELL		VIS	WATER	
SPEED	DIR			DRY ↓	WET ↓			TYPE	AMT.	DIR	AMT	DIR	AMT		COL	TRANS
32			08	18 9			02		0	33	1			7		

SUBSURFACE OBSERVATIONS

	SAMPLE DEPTH (M)	T °C ↓	S ‰ ↓	σ_t ↓	Σ ΔD ↓	O_2 ml/l ↓	v_l ↓
STD	0000	17 39	40 54	29 69	0 000-		49915
OBS	0000	17 39	40 54	29 69			49915
OBS	0007	17 41	40 90	29 96			49935
STD	0010	17 42	40 97	30 01	0 016-		49941
OBS	0015	17 44	40 97	30 01			49945

Consec. Sta. No. 35 — SURFACE OBSERVATIONS

NODC REF. NO.	STATION	DATE				POSITION		SONIC DEPTH UNCORRECTED	MAX. SAMPLE DEPTH
		MO.	DAY	YEAR	HOUR	LATITUDE	LONGITUDE		
00658	PG01	03	01	1960	03	29° 42′ N	048° 50′ E	0016	00

WIND		ANEMO. HGT.	AIR PRESS.	AIR TEMPERATURE		HUMIDITY	WEATHER	CLOUD		SEA		SWELL		VIS	WATER	
SPEED	DIR.			DRY ↓	WET ↓			TYPE	AMT.	DIR	AMT	DIR	AMT.		COL	TRANS.
05			08	18 3			03	6	2	02	1			7		

SUBSURFACE OBSERVATIONS

	SAMPLE DEPTH (M)	T °C ↓	S ‰ ↓	σ_t ↓	Σ ΔD ↓	O_2 ml/l ↓	v_l ↓
STD	0000	17 50	39 76	29 06	0 000-		49894
OBS	0000	17 50	39 76	29 06			49894
OBS	0007	17 51	39 81	29 10			49901
STD	0010	17 50	40 08	29 31	0 010-		49913
OBS	0015	17 46	40 87	29 93			49943

Consec. Sta. No. 36 — SURFACE OBSERVATIONS

NODC REF. NO.	STATION	DATE				POSITION		SONIC DEPTH UNCORRECTED	MAX. SAMPLE DEPTH
		MO.	DAY	YEAR	HOUR	LATITUDE	LONGITUDE		
00658	PG01	03	01	1960	06	29° 42′ N	048° 50′ E	0016	00

WIND		ANEMO HGT	AIR PRESS.	AIR TEMPERATURE		HUMIDITY	WEATHER	CLOUD		SEA		SWELL		VIS.	WATER	
SPEED	DIR			DRY ↓	WET ↓			TYPE	AMT.	DIR.	AMT.	DIR	AMT.		COL	TRANS.
04			09	21 1			02	6	4	04	2			7		

SUBSURFACE OBSERVATIONS

	SAMPLE DEPTH (M)	T °C ↓	S ‰ ↓	σ_t ↓	Σ ΔD ↓	O_2 ml/l ↓	v_l ↓
STD	0000	17 51	40 07	29 30	0 000-		49908
OBS	0000	17 51	40 07	29 30			49908
OBS	0007	17 44	40 14	29 37			49908
STD	0010	17 42	40 21	29 43	0 012-		49910
OBS	0015	17 39	40 37	29 56			49916

Consec. Sta. No. 37 — SURFACE OBSERVATIONS

NODC REF. NO.	STATION	DATE MO.	DAY	YEAR	HOUR	POSITION LATITUDE	LONGITUDE	SONIC DEPTH UNCORRECTED	MAX. SAMPLE DEPTH
00658	PG01	03	01	1960	09	29° 42′ N	048° 50′ E	0016	00

WIND SPEED	DIR	ANEMO. HGT.	AIR PRESS.	AIR TEMPERATURE DRY ↓	WET ↓	HUMIDITY	WEATHER	CLOUD TYPE	AMT.	SEA DIR.	AMT.	SWELL DIR.	AMT.	VIS.	WATER COL.	TRANS.
06			09	22 8			02	4	4	03	1			7		

SUBSURFACE OBSERVATIONS

	SAMPLE DEPTH (M)	T °C ↓	S °/₀₀ ↓	σ_t ↓	Σ ΔD ↓	O_2 ml/l ↓	V_t ↓
STD	0000	17 72	40 80	29 81	0 000-		49957
OBS	0000	17 72	40 80	29 81			49957
OBS	0007	17 59	40 84	29 87			49950
STD	0010	17 55	40 87	29 90	0 016-		49949
OBS	0015	17 49	40 94	29 97			49949

Consec. Sta. No. 38 — SURFACE OBSERVATIONS

NODC REF. NO.	STATION	DATE MO.	DAY	YEAR	HOUR	POSITION LATITUDE	LONGITUDE	SONIC DEPTH UNCORRECTED	MAX. SAMPLE DEPTH
00658	PG01	03	01	1960	12	29° 42′ N	048° 50′ E	0016	00

WIND SPEED	DIR	ANEMO. HGT.	AIR PRESS.	AIR TEMPERATURE DRY ↓	WET ↓	HUMIDITY	WEATHER	CLOUD TYPE	AMT.	SEA DIR.	AMT.	SWELL DIR.	AMT.	VIS.	WATER COL.	TRANS.
04			05	27 8			10	4	6	04	1			6		

SUBSURFACE OBSERVATIONS

	SAMPLE DEPTH (M)	T °C ↓	S °/₀₀ ↓	σ_t ↓	Σ ΔD ↓	O_2 ml/l ↓	V_t ↓
STD	0000	18 74	40 71	29 47	0 000-		50048
OBS	0000	18 74	40 71	29 47			50048
OBS	0007	17 63	40 81	29 84			49953
STD	0010	17 58	40 85	29 88	0 015-		49951
OBS	0015	17 50	40 93	29 96			49949

Consec. Sta. No. 39 — SURFACE OBSERVATIONS

NODC REF. NO.	STATION	DATE MO.	DAY	YEAR	HOUR	POSITION LATITUDE	LONGITUDE	SONIC DEPTH UNCORRECTED	MAX. SAMPLE DEPTH
00658	PG01	03	01	1960	15	29° 42′ N	048° 50′ E	0016	00

WIND SPEED	DIR	ANEMO. HGT.	AIR PRESS.	AIR TEMPERATURE DRY ↓	WET ↓	HUMIDITY	WEATHER	CLOUD TYPE	AMT.	SEA DIR.	AMT.	SWELL DIR.	AMT.	VIS.	WATER COL.	TRANS.
03			06	22 2			02	9	7	03	1			7		

SUBSURFACE OBSERVATIONS

	SAMPLE DEPTH (M)	T °C ↓	S °/₀₀ ↓	σ_t ↓	Σ ΔD ↓	O_2 ml/l ↓	V_t ↓
STD	0000	17 91	40 45	29 49	0 000-		49961
OBS	0000	17 91	40 45	29 49			49961
OBS	0007	17 91	40 55	29 57			49968
STD	0010	17 82	40 60	29 63	0 014-		49964
OBS	0015	17 54	40 71	29 78			49944

Consec. Sta. No. 40 — SURFACE OBSERVATIONS

NODC REF. NO.	STATION	DATE				POSITION		SONIC DEPTH UNCORRECTED	MAX. SAMPLE DEPTH
		MO.	DAY	YEAR	HOUR	LATITUDE	LONGITUDE		
00658	PG01	03	01	1960	17	29° 42′ N	048° 50′ E	0016	00

WIND		ANEMO. HGT.	AIR PRESS.	AIR TEMPERATURE		HUMID-ITY	WEATHER	CLOUD		SEA		SWELL		VIS.	WATER	
SPEED	DIR			DRY	WET			TYPE	AMT.	DIR.	AMT.	DIR.	AMT.		COL.	TRANS.
02			05	21 1			02	8	7	01	1			7		

SUBSURFACE OBSERVATIONS

	SAMPLE DEPTH (M)	T °C	S °/₀₀	σ_t	$\Sigma \Delta D$	O_2 ml/l	v_t
STD	0000	17 65	40 28	29 42	0 000-		49929
OBS	0000	17 65	40 28	29 42			49929
OBS	0007	17 46	40 55	29 68			49926
STD	0010	17 48	40 68	29 77	0 014-		49935
OBS	0015	17 52	40 91	29 94			49950

Consec. Sta. No. 41 — SURFACE OBSERVATIONS

NODC REF. NO.	STATION	DATE				POSITION		SONIC DEPTH UNCORRECTED	MAX. SAMPLE DEPTH
		MO.	DAY	YEAR	HOUR	LATITUDE	LONGITUDE		
00658	PG8A	03	02	1960	03	29° 07′ N	048° 37′ E	0014	00

WIND		ANEMO. HGT	AIR PRESS.	AIR TEMPERATURE		HUMID-ITY	WEATHER	CLOUD		SEA		SWELL		VIS	WATER	
SPEED	DIR			DRY	WET			TYPE	AMT.	DIR	AMT	DIR	AMT		COL	TRANS
02			05	20 0			02	0	8	02	1			6		

SUBSURFACE OBSERVATIONS

	SAMPLE DEPTH (M)	T °C	S °/₀₀	σ_t	$\Sigma \Delta D$	O_2 ml/l	v_t
STD	0000	17 99	41 21	30 05	0 000-		49998
OBS	0000	17 99	41 21	30 05			49998
OBS	0005	18 03	41 21	30 04			50005
STD	0010	18 02	41 22	30 05	0 018-		50007
OBS	0010	18 02	41 22	30 05			50007
OBS	0014	18 00					

Consec. Sta. No. 42 — SURFACE OBSERVATIONS

NODC REF. NO.	STATION	DATE				POSITION		SONIC DEPTH UNCORRECTED	MAX. SAMPLE DEPTH
		MO.	DAY	YEAR	HOUR	LATITUDE	LONGITUDE		
00658	PG07	03	02	1960	06	29° 15′ N	049° 20′ E	0037	00

WIND		ANEMO. HGT.	AIR PRESS.	AIR TEMPERATURE		HUMID-ITY	WEATHER	CLOUD		SEA		SWELL		VIS.	WATER	
SPEED	DIR			DRY	WET			TYPE	AMT.	DIR.	AMT.	DIR.	AMT.		COL.	TRANS.
02			07	21 1			02	7	8	29	2			6		

SUBSURFACE OBSERVATIONS

	SAMPLE DEPTH (M)	T °C	S °/₀₀	σ_t	$\Sigma \Delta D$	O_2 ml/l	v_t
STD	0000	18 65	41 29	29 94	0 000-		50062
OBS	0000	18 65	41 29	29 94			50062
OBS	0005	18 64	41 29	29 95			50064
STD	0010	18 54	41 29	29 97	0 017-		50058
OBS	0010	18 54	41 29	29 97			50058
STD	0020	18 38	41 31	30 03	0 035-		50049
OBS	0020	18 38	41 31	30 03			50049
STD	0030	18 37	41 31	30 03	0 053-		50054
OBS	0030	18 37	41 31	30 03			50054
OBS	0037	18 38	41 31	30 03			50058

Consec. Sta. No. 43 SURFACE OBSERVATIONS

NODC REF. NO.	STATION	DATE				POSITION		SONIC DEPTH UNCORRECTED	MAX. SAMPLE DEPTH
		MO.	DAY	YEAR	HOUR	LATITUDE	LONGITUDE		
00658	PG06	03	02	1960	09	29° 25′ N	049° 38′ E	0034	00

WIND		ANEMO. HGT	AIR PRESS.	AIR TEMPERATURE		HUMIDITY	WEATHER	CLOUD		SEA		SWELL		VIS.	WATER	
SPEED	DIR			DRY ↓	WET ↓			TYPE	AMT.	DIR.	AMT	DIR.	AMT.		COL	TRANS.
03			07	23 3			02	0	9	03	2			7		

	SAMPLE DEPTH (M)	T °C ↓	S °/₀₀ ↓	σ_t ↓	Σ Δ D ↓	O_2 ml/l ↓	v_l ↓
		SUBSURFACE OBSERVATIONS					
STD	0000	18 84	41 17	29 80	0 000-		50075
OBS	0000	18 84	41 17	29 80			50075
OBS	0005	18 86	41 17	29 80			50079
STD	0010	18 80	41 17	29 81	0 016-		50077
OBS	0010	18 80	41 17	29 81			50077
STD	0020	18 52	41 17	29 89	0 032-		50056
OBS	0020	18 52	41 17	29 89			50056
STD	0030	18 53	41 17	29 88	0 049-		50063
OBS	0030	18 53	41 17	29 88			50063

Consec. Sta. No. 44 SURFACE OBSERVATIONS

NODC REF. NO.	STATION	DATE				POSITION		SONIC DEPTH UNCORRECTED	MAX. SAMPLE DEPTH
		MO.	DAY	YEAR	HOUR	LATITUDE	LONGITUDE		
00658	PG03	03	02	1960	12	29° 55′ N	049° 57′ E	0015	00

WIND		ANEMO. HGT.	AIR PRESS.	AIR TEMPERATURE		HUMIDITY	WEATHER	CLOUD		SEA		SWELL		VIS.	WATER	
SPEED	DIR			DRY ↓	WET ↓			TYPE	AMT.	DIR.	AMT	DIR.	AMT.		COL	TRANS.
12			06	21 7			02	7	8	12	2			6		

	SAMPLE DEPTH (M)	T °C ↓	S °/₀₀ ↓	σ_t ↓	Σ Δ D ↓	O_2 ml/l ↓	v_l ↓
		SUBSURFACE OBSERVATIONS					
STD	0000	18 25	41 12	29 92	0 000-		50019
OBS	0000	18 25	41 12	29 92			50019
OBS	0005	18 27	41 14	29 93			50024
STD	0010	18 26	41 12	29 91	0 017-		50025
OBS	0010	18 26	41 12	29 91			50025
OBS	0015	18 24	41 13	29 93			50026

Consec. Sta. No. 45 SURFACE OBSERVATIONS

NODC REF. NO.	STATION	DATE				POSITION		SONIC DEPTH UNCORRECTED	MAX. SAMPLE DEPTH
		MO.	DAY	YEAR	HOUR	LATITUDE	LONGITUDE		
00658	PG02	03	02	1960	15	29° 47′ N	049° 32′ E	0012	00

WIND		ANEMO. HGT	AIR PRESS.	AIR TEMPERATURE		HUMIDITY	WEATHER	CLOUD		SEA		SWELL		VIS.	WATER	
SPEED	DIR.			DRY ↓	WET ↓			TYPE	AMT.	DIR.	AMT.	DIR.	AMT.		COL	TRANS.
15			08	19 4			02	6	8	15	2			6		

	SAMPLE DEPTH (M)	T °C ↓	S °/₀₀ ↓	σ_t ↓	Σ Δ D ↓	O_2 ml/l ↓	v_l ↓
		SUBSURFACE OBSERVATIONS					
STD	0000	17 69	41 20	30 12	0 000-		49970
OBS	0000	17 69	41 20	30 12			49970
OBS	0005	17 71	41 20	30 12			49975
STD	0010	17 69	41 20	30 12	0 019-		49975
OBS	0010	17 69	41 20	30 12			49975

Consec. Sta. No. 46 — SURFACE OBSERVATIONS

NODC REF. NO.	STATION	DATE MO.	DAY	YEAR	HOUR	POSITION LATITUDE	LONGITUDE	SONIC DEPTH UNCORRECTED	MAX. SAMPLE DEPTH
00658	PG02	03	02	1960	21	29° 47′ N	049° 32′ E	0014	00

WIND SPEED	WIND DIR.	ANEMO. HGT.	AIR PRESS.	AIR TEMPERATURE DRY ↓	AIR TEMPERATURE WET ↓	HUMIDITY	WEATHER	CLOUD TYPE	CLOUD AMT.	SEA DIR.	SEA AMT.	SWELL DIR	SWELL AMT.	VIS.	WATER COL.	WATER TRANS.
34			10	17 8			01		0	34	2			7		

SUBSURFACE OBSERVATIONS

	SAMPLE DEPTH (M)	T °C ↓	S °/₀₀ ↓	σ_t ↓	Σ Δ D ↓	O_2 ml/l ↓	v_t ↓
STD	0000	17 61	41 18	30 13	0 000-		49962
OBS	0000	17 61	41 18	30 13			49962
OBS	0005	17 65	41 18	30 12			49968
STD	0010	17 64	41 18	30 12	0 019-		49970
OBS	0010	17 64	41 18	30 12			49970

Consec. Sta. No. 47 — SURFACE OBSERVATIONS

NODC REF. NO.	STATION	DATE MO.	DAY	YEAR	HOUR	POSITION LATITUDE	LONGITUDE	SONIC DEPTH UNCORRECTED	MAX. SAMPLE DEPTH
00658	PG02	03	03	1960	03	29° 47′ N	049° 32′ E	0014	00

WIND SPEED	WIND DIR.	ANEMO. HGT.	AIR PRESS.	AIR TEMPERATURE DRY ↓	AIR TEMPERATURE WET ↓	HUMIDITY	WEATHER	CLOUD TYPE	CLOUD AMT.	SEA DIR.	SEA AMT.	SWELL DIR	SWELL AMT.	VIS.	WATER COL.	WATER TRANS.
30			12	17 2			02		0	34	2			7		

SUBSURFACE OBSERVATIONS

	SAMPLE DEPTH (M)	T °C ↓	S °/₀₀ ↓	σ_t ↓	Σ Δ D ↓	O_2 ml/l ↓	v_t ↓
STD	0000	17 53	41 19	30 15	0 000-		49955
OBS	0000	17 53	41 19	30 15			49955
OBS	0005	17 57	41 18	30 14			49961
STD	0010	17 56	41 18	30 14	0 019-		49962
OBS	0010	17 56	41 18	30 14			49962

Consec. Sta. No. 48 — SURFACE OBSERVATIONS

NODC REF. NO.	STATION	DATE MO.	DAY	YEAR	HOUR	POSITION LATITUDE	LONGITUDE	SONIC DEPTH UNCORRECTED	MAX. SAMPLE DEPTH
00658	PG02	03	03	1960	09	29° 47′ N	049° 32′ E	0014	00

WIND SPEED	WIND DIR.	ANEMO. HGT.	AIR PRESS.	AIR TEMPERATURE DRY ↓	AIR TEMPERATURE WET ↓	HUMIDITY	WEATHER	CLOUD TYPE	CLOUD AMT.	SEA DIR.	SEA AMT.	SWELL DIR	SWELL AMT.	VIS.	WATER COL.	WATER TRANS.
31			15	16 7			02		0	31	2			7		

SUBSURFACE OBSERVATIONS

	SAMPLE DEPTH (M)	T °C ↓	S °/₀₀ ↓	σ_t ↓	Σ Δ D ↓	O_2 ml/l ↓	v_t ↓
STD	0000	17 75	41 18	30 09	0 000-		49975
OBS	0000	17 75	41 18	30 09			49975
OBS	0005	17 69	41 18	30 11			49972
STD	0010	17 65	41 18	30 12	0 019-		49971
OBS	0010	17 65	41 18	30 12			49971

Consec. Sta. No. 49 — SURFACE OBSERVATIONS

NODC REF. NO	STATION	DATE MO.	DAY	YEAR	HOUR	POSITION LATITUDE	LONGITUDE	SONIC DEPTH UNCORRECTED	MAX. SAMPLE DEPTH
00658	PG02	03	03	1960	15	29° 47′ N	049° 32′ E	0012	00

WIND SPEED	WIND DIR	ANEMO. HGT.	AIR PRESS.	AIR TEMPERATURE DRY	AIR TEMPERATURE WET	HUMIDITY	WEATHER	CLOUD TYPE	CLOUD AMT.	SEA DIR.	SEA AMT.	SWELL DIR	SWELL AMT.	VIS.	WATER COL.	WATER TRANS.
26			14	20 0			02		0	28	1			6		

SUBSURFACE OBSERVATIONS

	SAMPLE DEPTH (M)	T °C	S ‰	σ_t	$\Sigma \Delta D$	O_2 ml/l	V_t
STD	0000	17 73	41 19	30 10	0 000-		49973
OBS	0000	17 73	41 19	30 10			49973
OBS	0005	17 72	41 19	30 11			49975
STD	0010	17 64	41 18	30 12	0 019-		49970
OBS	0010	17 64	41 18	30 12			49970

Consec. Sta. No. 50 — SURFACE OBSERVATIONS

NODC REF. NO.	STATION	DATE MO.	DAY	YEAR	HOUR	POSITION LATITUDE	LONGITUDE	SONIC DEPTH UNCORRECTED	MAX. SAMPLE DEPTH
00658	PG02	03	03	1960	22	29° 47′ N	049° 32′ E	0012	00

WIND SPEED	WIND DIR.	ANEMO. HGT.	AIR PRESS.	AIR TEMPERATURE DRY	AIR TEMPERATURE WET	HUMIDITY	WEATHER	CLOUD TYPE	CLOUD AMT.	SEA DIR.	SEA AMT.	SWELL DIR.	SWELL AMT.	VIS.	WATER COL.	WATER TRANS.
33			15	19 4			02		0	28	1			7		

SUBSURFACE OBSERVATIONS

	SAMPLE DEPTH (M)	T °C	S ‰	σ_t	$\Sigma \Delta D$	O_2 ml/l	V_t
STD	0000	17 58	41 19	30 14	0 000-		49959
OBS	0000	17 58	41 19	30 14			49959
OBS	0005	17 63	41 18	30 12			49966
STD	0010	17 62	41 21	30 15	0 019-		49969
OBS	0010	17 62	41 21	30 15			49969

Consec. Sta. No. 51 — SURFACE OBSERVATIONS

NODC REF. NO.	STATION	DATE MO.	DAY	YEAR	HOUR	POSITION LATITUDE	LONGITUDE	SONIC DEPTH UNCORRECTED	MAX. SAMPLE DEPTH
00658	PG02	03	04	1960	03	29° 47′ N	049° 32′ E	0013	00

WIND SPEED	WIND DIR.	ANEMO HGT.	AIR PRESS.	AIR TEMPERATURE DRY	AIR TEMPERATURE WET	HUMIDITY	WEATHER	CLOUD TYPE	CLOUD AMT.	SEA DIR.	SEA AMT	SWELL DIR	SWELL AMT	VIS	WATER COL.	WATER TRANS
36			15	18 3			02		0	35	1			7		

SUBSURFACE OBSERVATIONS

	SAMPLE DEPTH (M)	T °C	S ‰	σ_t	$\Sigma \Delta D$	O_2 ml/l	V_t
STD	0000	17 53	41 22	30 18	0 000-		49956
OBS	0000	17 53	41 22	30 18			49956
OBS	0005	17 56	41 24	30 19			49962
STD	0010	17 55	41 22	30 17	0 019-		49963
OBS	0010	17 55	41 22	30 17			49963

Consec. Sta. No. 52

SURFACE OBSERVATIONS

NODC REF. NO.	STATION	DATE				POSITION		SONIC DEPTH UNCORRECTED	MAX. SAMPLE DEPTH
		MO.	DAY	YEAR	HOUR	LATITUDE	LONGITUDE		
00658	PG02	03	04	1960	09	29° 47′ N	049° 32′ E	0013	00

WIND		ANEMO. HGT.	AIR PRESS.	AIR TEMPERATURE		HUMIDITY	WEATHER	CLOUD		SEA		SWELL		VIS.	WATER	
SPEED	DIR.			DRY ↓	WET ↓			TYPE	AMT.	DIR.	AMT.	DIR	AMT.		COL.	TRANS.
29			16	18 3			05		0	30	1			7		

SUBSURFACE OBSERVATIONS

	SAMPLE DEPTH (M)	T °C ↓	S °/₀₀ ↓	σ_t ↓	Σ Δ D ↓	O_2 ml/l ↓	V_f ↓
STD	0000	17 91	41 20	30 07	0 000-		49991
OBS	0000	17 91	41 20	30 07			49991
OBS	0005	17 66	41 20	30 13			49970
STD	0010	17 57	41 20	30 15	0 019-		49964
OBS	0010	17 57	41 20	30 15			49964

Consec. Sta. No. 53

SURFACE OBSERVATIONS

NODC REF. NO.	STATION	DATE				POSITION		SONIC DEPTH UNCORRECTED	MAX. SAMPLE DEPTH
		MO.	DAY	YEAR	HOUR	LATITUDE	LONGITUDE		
00658	PG05	03	05	1960	00	29° 37′ N	049° 53′ E	0030	00

WIND		ANEMO. HGT.	AIR PRESS.	AIR TEMPERATURE		HUMIDITY	WEATHER	CLOUD		SEA		SWELL		VIS.	WATER	
SPEED	DIR.			DRY ↓	WET ↓			TYPE	AMT.	DIR.	AMT.	DIR.	AMT.		COL.	TRANS.
10			14	17 8			02		0	35	1			7		

SUBSURFACE OBSERVATIONS

	SAMPLE DEPTH (M)	T °C ↓	S °/₀₀ ↓	σ_t ↓	Σ Δ D ↓	O_2 ml/l ↓	V_f ↓
STD	0000	18 35	41 06	29 84	0 000-		50026
OBS	0000	18 35	41 06	29 84			50026
OBS	0005	18 38	41 05	29 83			50031
STD	0010	18 37	41 04	29 82	0 016-		50032
OBS	0010	18 37	41 04	29 82			50032
STD	0020	18 36	41 06	29 84	0 032-		50037
OBS	0020	18 36	41 06	29 84			50037
STD	0030	18 33	41 04	29 83	0 048-		50039
OBS	0030	18 33	41 04	29 83			50039

Consec. Sta. No. 54

SURFACE OBSERVATIONS

NODC REF. NO.	STATION	DATE				POSITION		SONIC DEPTH UNCORRECTED	MAX. SAMPLE DEPTH
		MO	DAY	YEAR	HOUR	LATITUDE	LONGITUDE		
00658	PG04	03	05	1960	02	29° 44′ N	050° 12′ E	0017	00

WIND		ANEMO. HGT.	AIR PRESS.	AIR TEMPERATURE		HUMIDITY	WEATHER	CLOUD		SEA		SWELL		VIS.	WATER	
SPEED	DIR.			DRY ↓	WET ↓			TYPE	AMT.	DIR.	AMT.	DIR.	AMT.		COL.	TRANS.
02			14	18 3			05		0	36	1			7		

SUBSURFACE OBSERVATIONS

	SAMPLE DEPTH (M)	T °C ↓	S °/₀₀ ↓	σ_t ↓	Σ Δ D ↓	O_2 ml/l ↓	V_f ↓
STD	0000	18 76	40 88	29 60	0 000-		50056
OBS	0000	18 76	40 88	29 60			50056
OBS	0005	18 76	40 88	29 60			50059
STD	0010	18 74	40 87	29 60	0 014-		50059
OBS	0010	18 74	40 87	29 60			50059
OBS	0016	18 75	40 88	29 60			50064

Consec. Sta. No. 55 — SURFACE OBSERVATIONS

NODC REF. NO.	STATION	DATE				POSITION		SONIC DEPTH UNCORRECTED	MAX. SAMPLE DEPTH
		MO.	DAY	YEAR	HOUR	LATITUDE	LONGITUDE		
00658	PG13	03	05	1960	04	29° 33′ N	050° 25′ E	0012	00

WIND		ANEMO. HGT.	AIR PRESS.	AIR TEMPERATURE		HUMIDITY	WEATHER	CLOUD		SEA		SWELL		VIS.	WATER	
SPEED	DIR.			DRY ↓	WET ↓			TYPE	AMT.	DIR.	AMT.	DIR.	AMT.		COL.	TRANS.
09			14	18 9			02	5	1	36	1			7		

SUBSURFACE OBSERVATIONS

	SAMPLE DEPTH (M)	T °C ↓	S °/₀₀ ↓	σ_t ↓	$\Sigma \Delta D$ ↓	O_2 ml/l ↓	v_l ↓
STD	0000	18 98	40 76	29 45	0 000-		50071
OBS	0000	18 98	40 76	29 45			50071
OBS	0005	18 94	40 74	29 45			50070
STD	0010	18 94	40 75	29 45	0 012-		50073
OBS	0010	18 94	40 80*	29 49*			
OBS	0013	18 93	40 75	29 46			50073

Consec. Sta. No. 1 — SURFACE OBSERVATIONS

NODC REF. NO.	STATION	DATE MO.	DAY	YEAR	HOUR	POSITION LATITUDE	LONGITUDE	SONIC DEPTH UNCORRECTED	MAX. SAMPLE DEPTH
00865	PG33	01	04	1961	15	27° 01′ N	056° 21′ E	0018	00

WIND SPEED	WIND DIR.	ANEMO. HGT	AIR PRESS.	AIR TEMPERATURE DRY ↓	AIR TEMPERATURE WET ↓	HUMIDITY	WEATHER	CLOUD TYPE	CLOUD AMT.	SEA DIR.	SEA AMT.	SWELL DIR.	SWELL AMT.	VIS.	WATER COL.	WATER TRANS.
08	25		16	21 7			03	8	2	25	1			7		

SUBSURFACE OBSERVATIONS

	SAMPLE DEPTH (M)	T °C ↓	S °/₀₀ ↓	σ_t ↓	Σ Δ D ↓	O_2 ml/l ↓	v_l ↓
STD	0000	21 74	37 17	25 96	0 000		50173
OBS	0000	21 74	37 17	25 96			50173
OBS	0005	21 66	37 17	25 98			50169
STD	0010	21 62	37 17	25 99	0 020		50168
OBS	0010	21 62	37 17	25 99			50168
OBS	0015	21 61	37 17	25 99			50170

Consec. Sta. No. 2 — SURFACE OBSERVATIONS

NODC REF NO	STATION	DATE MO.	DAY	YEAR	HOUR	POSITION LATITUDE	LONGITUDE	SONIC DEPTH UNCORRECTED	MAX. SAMPLE DEPTH
00865	PG33	01	04	1961	18	27° 01′ N	056° 21′ E	0018	00

WIND SPEED	WIND DIR.	ANEMO. HGT.	AIR PRESS.	AIR TEMPERATURE DRY ↓	AIR TEMPERATURE WET ↓	HUMIDITY	WEATHER	CLOUD TYPE	CLOUD AMT.	SEA DIR.	SEA AMT.	SWELL DIR.	SWELL AMT.	VIS.	WATER COL.	WATER TRANS.
06	28		16	20 6			01		0	28	1			7		

SUBSURFACE OBSERVATIONS

	SAMPLE DEPTH (M)	T °C ↓	S °/₀₀ ↓	σ_t ↓	Σ Δ D ↓	O_2 ml/l ↓	v_l ↓
STD	0000	21 94	37 14	25 88	0 000		50189
OBS	0000	21 94	37 14	25 88			50189
OBS	0009	21 98	37 14	25 87			50197
STD	0010	21 98	37 14	25 87	0 021		50197
OBS	0018	22 00	37 14	25 86			50203

Consec. Sta. No. 3 — SURFACE OBSERVATIONS

NODC REF NO	STATION	DATE MO	DAY	YEAR	HOUR	POSITION LATITUDE	LONGITUDE	SONIC DEPTH UNCORRECTED	MAX. SAMPLE DEPTH
00865	PG33	01	04	1961	21	27° 01′ N	056° 21′ E	0018	00

WIND SPEED	WIND DIR	ANEMO. HGT	AIR PRESS.	AIR TEMPERATURE DRY ↓	AIR TEMPERATURE WET ↓	HUMIDITY	WEATHER	CLOUD TYPE	CLOUD AMT.	SEA DIR.	SEA AMT.	SWELL DIR	SWELL AMT.	VIS.	WATER COL.	WATER TRANS.
03	23		16	20 0			02		0	23	1			7		

SUBSURFACE OBSERVATIONS

	SAMPLE DEPTH (M)	T °C ↓	S °/₀₀ ↓	σ_t ↓	Σ Δ D ↓	O_2 ml/l ↓	v_l ↓
STD	0000	22 33	37 11	25 75	0 000		50220
OBS	0000	22 33	37 11	25 75			50220
OBS	0005	22 31	37 11	25 75			50221
STD	0010	22 09	37 12	25 82	0 022		50206
OBS	0010	22 09	37 12	25 82			50206
OBS	0018	21 95	37 13	25 87			50199

Consec. Sta. No. 4

SURFACE OBSERVATIONS

NODC REF NO	STATION	DATE				POSITION		SONIC DEPTH UNCORRECTED	MAX. SAMPLE DEPTH
		MO.	DAY	YEAR	HOUR	LATITUDE	LONGITUDE		
00865	PG33	01	05	1961	00	27° 01′ N	056° 21′ E	0018	00

WIND		ANEMO. HGT.	AIR PRESS.	AIR TEMPERATURE		HUMIDITY	WEATHER	CLOUD		SEA		SWELL		VIS.	WATER	
SPEED	DIR.			DRY ↓	WET ↓			TYPE	AMT.	DIR.	AMT.	DIR.	AMT.		COL.	TRANS.
01	28		16	20 6			03	8	1	00	0			7		

SUBSURFACE OBSERVATIONS

	SAMPLE DEPTH (M)	T °C ↓	S °/₀₀ ↓	σ_t ↓	Σ ΔD ↓	O_2 ml/l ↓	v_l ↓
STD	0000	21 93	37 14	25 88	0 000		50188
OBS	0000	21 93	37 14	25 88			50188
OBS	0009	21 82	37 15	25 92			50184
STD	0010	21 81	37 15	25 92	0 021		50183
OBS	0018	21 70	37 14	25 95			50178

Consec. Sta. No. 5

SURFACE OBSERVATIONS

NODC REF. NO.	STATION	DATE				POSITION		SONIC DEPTH UNCORRECTED	MAX. SAMPLE DEPTH
		MO.	DAY	YEAR	HOUR	LATITUDE	LONGITUDE		
00865	PG33	01	05	1961	03	27° 01′ N	056° 21′ E	0018	00

WIND		ANEMO. HGT.	AIR PRESS.	AIR TEMPERATURE		HUMIDITY	WEATHER	CLOUD		SEA		SWELL		VIS.	WATER	
SPEED	DIR.			DRY ↓	WET ↓			TYPE	AMT.	DIR.	AMT.	DIR	AMT.		COL.	TRANS.
06	05		17	17 8			00		0	05	1			7		

SUBSURFACE OBSERVATIONS

	SAMPLE DEPTH (M)	T °C ↓	S °/₀₀ ↓	σ_t ↓	Σ ΔD ↓	O_2 ml/l ↓	v_l ↓
STD	0000	21 60	37 17	26 00	0 000		50161
OBS	0000	21 60	37 17	26 00			50161
OBS	0007	21 63	37 17	25 99			50167
STD	0010	21 63	37 17	25 99	0 020		50169
OBS	0015	21 61	37 17	25 99			50170

Consec. Sta. No. 6

SURFACE OBSERVATIONS

NODC REF. NO.	STATION	DATE				POSITION		SONIC DEPTH UNCORRECTED	MAX. SAMPLE DEPTH
		MO.	DAY	YEAR	HOUR	LATITUDE	LONGITUDE		
00865	PG33	01	05	1961	06	27° 01′ N	056° 21′ E	0018	00

WIND		ANEMO. HGT.	AIR PRESS.	AIR TEMPERATURE		HUMIDITY	WEATHER	CLOUD		SEA		SWELL		VIS.	WATER	
SPEED	DIR.			DRY ↓	WET ↓			TYPE	AMT.	DIR.	AMT.	DIR	AMT.		COL.	TRANS.
06	05		19	18 3			02		0	05	1			7		

SUBSURFACE OBSERVATIONS

	SAMPLE DEPTH (M)	T °C ↓	S °/₀₀ ↓	σ_t ↓	Σ ΔD ↓	O_2 ml/l ↓	v_l ↓
STD	0000	22 30	37 12	25 76	0 000		50218
OBS	0000	22 30	37 12	25 76			50218
OBS	0007	21 79	37 14	25 92			50180
STD	0010	21 69	37 15	25 96	0 022		50173
OBS	0015	21 68	37 16	25 97			50176

Consec. Sta. No. 7 — SURFACE OBSERVATIONS

NODC REF. NO.	STATION	DATE MO.	DAY	YEAR	HOUR	POSITION LATITUDE	LONGITUDE	SONIC DEPTH UNCORRECTED	MAX. SAMPLE DEPTH
00865	PG33	01	05	1961	09	27° 01′ N	056° 21′ E	0018	00

WIND SPEED	WIND DIR.	ANEMO. HGT.	AIR PRESS.	AIR TEMPERATURE DRY ↓	AIR TEMPERATURE WET ↓	HUMIDITY	WEATHER	CLOUD TYPE	CLOUD AMT.	SEA DIR.	SEA AMT.	SWELL DIR.	SWELL AMT.	VIS.	WATER COL.	WATER TRANS.
02	02		18	22 2			01	6	2	04	1			7		

SUBSURFACE OBSERVATIONS

	SAMPLE DEPTH (M)	T °C ↓	S °/₀₀ ↓	σ_t ↓	Σ Δ D ↓	O_2 ml/l ↓	v_l ↓
STD	0000	22 74	37 09	25 61	0 000		50253
OBS	0000	22 74	37 09	25 61			50253
OBS	0005	22 30	37 11	25 75			50220
STD	0010	21 92	37 16	25 90	0 022		50193
OBS	0010	21 92	37 16	25 90			50193
OBS	0018	21 87	37 15	25 91			50193

Consec. Sta. No. 8 — SURFACE OBSERVATIONS

NODC REF. NO.	STATION	DATE MO.	DAY	YEAR	HOUR	POSITION LATITUDE	LONGITUDE	SONIC DEPTH UNCORRECTED	MAX. SAMPLE DEPTH
00865	PG33	01	05	1961	12	27° 01′ N	056° 21′ E	0018	00

WIND SPEED	WIND DIR.	ANEMO. HGT.	AIR PRESS.	AIR TEMPERATURE DRY ↓	AIR TEMPERATURE WET ↓	HUMIDITY	WEATHER	CLOUD TYPE	CLOUD AMT.	SEA DIR.	SEA AMT.	SWELL DIR.	SWELL AMT.	VIS.	WATER COL.	WATER TRANS.
02	25		17	25 0			03	8	2	25	1			7		

SUBSURFACE OBSERVATIONS

	SAMPLE DEPTH (M)	T °C ↓	S °/₀₀ ↓	σ_t ↓	Σ Δ D ↓	O_2 ml/l ↓	v_l ↓
STD	0000	22 65	37 09	25 64	0 000		50246
OBS	0000	22 65	37 09	25 64			50246
OBS	0007	21 84	37 11	25 88			50183
STD	0010	21 67	37 12	25 94	0 022		50170
OBS	0015	21 62	37 13	25 96			50169

Consec. Sta. No. 9 — SURFACE OBSERVATIONS

NODC REF. NO.	STATION	DATE MO.	DAY	YEAR	HOUR	POSITION LATITUDE	LONGITUDE	SONIC DEPTH UNCORRECTED	MAX. SAMPLE DEPTH
00865	PG33	01	05	1961	15	27° 01′ N	056° 21′ E	0018	00

WIND SPEED	WIND DIR	ANEMO HGT	AIR PRESS.	AIR TEMPERATURE DRY ↓	AIR TEMPERATURE WET ↓	HUMIDITY	WEATHER	CLOUD TYPE	CLOUD AMT.	SEA DIR.	SEA AMT	SWELL DIR.	SWELL AMT.	VIS.	WATER COL.	WATER TRANS.
02	24		18	21 7			00		0	00	0			7		

SUBSURFACE OBSERVATIONS

	SAMPLE DEPTH (M)	T °C ↓	S °/₀₀ ↓	σ_t ↓	Σ Δ D ↓	O_2 ml/l ↓	v_l ↓
STD	0000	21 93	37 13	25 87	0 000		50187
OBS	0000	21 93	37 13	25 87			50187
OBS	0005	21 71	37 13	25 94			50172
STD	0010	21 57	37 13	25 98	0 021		50162
OBS	0010	21 57	37 13	25 98			50162
OBS	0018	21 51	37 14	26 00			50162

Consec. Sta. No. 10 — SURFACE OBSERVATIONS

NODC REF NO.	STATION	DATE MO	DAY	YEAR	HOUR	POSITION LATITUDE	LONGITUDE	SONIC DEPTH UNCORRECTED	MAX. SAMPLE DEPTH
00865	PG34	01	05	1961	19	26° 58′ N	056° 36′ E	0035	00

WIND SPEED	DIR.	ANEMO. HGT.	AIR PRESS.	AIR TEMPERATURE DRY	WET	HUMIDITY	WEATHER	CLOUD TYPE	AMT.	SEA DIR.	AMT.	SWELL DIR.	AMT.	VIS.	WATER COL.	TRANS.
04	30		17	21 1			00		0	00	0			7		

	SAMPLE DEPTH (M)	T °C	S °/₀₀	σ_t	$\Sigma \Delta D$	O_2 ml/l	v_l
STD	0000	22 54	37 07	25 66	0 000		50236
OBS	0000	22 54	37 07	25 66			50236
STD	0010	22 56	37 06	25 64	0 024		50242
OBS	0010	22 56	37 06	25 64			50242
STD	0020	22 54	37 04	25 63	0 047		50245
OBS	0020	22 54	37 04	25 63			50245
STD	0030	22 37	37 06	25 70	0 071		50238
OBS	0032	22 32	37 07	25 72			50235

Consec. Sta. No. 11 — SURFACE OBSERVATIONS

NODC REF. NO.	STATION	DATE MO.	DAY	YEAR	HOUR	POSITION LATITUDE	LONGITUDE	SONIC DEPTH UNCORRECTED	MAX. SAMPLE DEPTH
00865	PG34	01	05	1961	22	26° 58′ N	056° 36′ E	0035	00

WIND SPEED	DIR.	ANEMO. HGT.	AIR PRESS.	AIR TEMPERATURE DRY	WET	HUMIDITY	WEATHER	CLOUD TYPE	AMT.	SEA DIR.	AMT.	SWELL DIR.	AMT.	VIS.	WATER COL.	TRANS.
06	31		17	20 6			00		0	00	0			7		

	SAMPLE DEPTH (M)	T °C	S °/₀₀	σ_t	$\Sigma \Delta D$	O_2 ml/l	v_l
STD	0000	22 68	37 03	25 58	0 000		50246
OBS	0000	22 68	37 03	25 58			50246
STD	0010	22 67	37 03	25 59	0 024		50250
OBS	0017	22 66	37 03	25 59			50253
STD	0020	22 64	37 03	25 60	0 048		50253
STD	0030	22 51	37 04	25 64	0 072		50248
OBS	0033	22 46	37 04	25 66			50246

Consec. Sta. No. 12 — SURFACE OBSERVATIONS

NODC REF. NO.	STATION	DATE MO.	DAY	YEAR	HOUR	POSITION LATITUDE	LONGITUDE	SONIC DEPTH UNCORRECTED	MAX. SAMPLE DEPTH
00865	PG34	01	06	1961	01	26° 58′ N	056° 36′ E	0035	00

WIND SPEED	DIR	ANEMO. HGT.	AIR PRESS.	AIR TEMPERATURE DRY	WET	HUMIDITY	WEATHER	CLOUD TYPE	AMT.	SEA DIR.	AMT	SWELL DIR	AMT.	VIS.	WATER COL.	TRANS
03	35		16	19 4			00		0	00	0			7		

	SAMPLE DEPTH (M)	T °C	S °/₀₀	σ_t	$\Sigma \Delta D$	O_2 ml/l	v_l
STD	0000	22 71	37 03	25 58	0 000		50248
OBS	0000	22 71	37 03	25 58			50248
STD	0010	22 72	37 03	25 57	0 024		50254
OBS	0010	22 72	37 03	25 57			50254
STD	0020	22 74	37 02	25 56	0 049		50261
OBS	0020	22 74	37 02	25 56			50261
STD	0030	22 60	37 03	25 61	0 073		50255
OBS	0032	22 55	37 04	25 63			50253

Consec. Sta. No. 13 — SURFACE OBSERVATIONS

NODC REF. NO	STATION	DATE				POSITION		SONIC DEPTH UNCORRECTED	MAX. SAMPLE DEPTH
		MO	DAY	YEAR	HOUR	LATITUDE	LONGITUDE		
00865	PG34	01	06	1961	06	26° 58′ N	056° 36′ E	0035	00

WIND		ANEMO. HGT.	AIR PRESS.	AIR TEMPERATURE		HUMIDITY	WEATHER	CLOUD		SEA		SWELL		VIS	WATER	
SPEED	DIR.			DRY ↓	WET ↓			TYPE	AMT.	DIR.	AMT.	DIR	AMT.		COL.	TRANS.
01	03		19	20 6			00		0	00	0			7		

SUBSURFACE OBSERVATIONS

	SAMPLE DEPTH (M)	T °C ↓	S °/₀₀ ↓	σ_t ↓	Σ ΔD ↓	O_2 ml/l ↓	v_l ↓
STD	0000	22 90	37 00	25 50	0 000		50263
OBS	0000	22 90	37 00	25 50			50263
STD	0010	22 88	36 99	25 50	0 025		50266
OBS	0017	22 86	36 98	25 49			50268
STD	0020	22 85	36 99	25 51	0 050		50269
STD	0030	22 81	37 00	25 52	0 075		50271
OBS	0033	22 80	37 01	25 53			50273

Consec. Sta. No. 14 — SURFACE OBSERVATIONS

NODC REF. NO.	STATION	DATE				POSITION		SONIC DEPTH UNCORRECTED	MAX SAMPLE DEPTH
		MO	DAY	YEAR	HOUR	LATITUDE	LONGITUDE		
00865	PG34	01	06	1961	07	26° 58′ N	056° 36′ E	0035	00

WIND		ANEMO. HGT.	AIR PRESS.	AIR TEMPERATURE		HUMIDITY	WEATHER	CLOUD		SEA		SWELL		VIS.	WATER	
SPEED	DIR			DRY ↓	WET ↓			TYPE	AMT.	DIR.	AMT.	DIR.	AMT.		COL.	TRANS.
01	01		19	20 0			00		0	00	0			7		

SUBSURFACE OBSERVATIONS

	SAMPLE DEPTH (M)	T °C ↓	S °/₀₀ ↓	σ_t ↓	Σ ΔD ↓	O_2 ml/l ↓	v_l ↓
STD	0000	23 07	36 96	25 42	0 000		50275
OBS	0000	23 07	36 96	25 42			50275
STD	0010	22 95	36 96	25 45	0 026		50271
OBS	0010	22 95	36 96	25 45			50271
STD	0020	22 92	36 96	25 46	0 051		50274
OBS	0020	22 92	36 96	25 46			50274
STD	0030	22 80	37 00	25 53	0 076		50271
OBS	0033	22 74	37 02	25 56			50268

Consec. Sta. No. 15 — SURFACE OBSERVATIONS

NODC REF. NO.	STATION	DATE				POSITION		SONIC DEPTH UNCORRECTED	MAX. SAMPLE DEPTH
		MO.	DAY	YEAR	HOUR	LATITUDE	LONGITUDE		
00865	PG34	01	06	1961	10	26° 58′ N	056° 36′ E	0035	00

WIND		ANEMO. HGT.	AIR PRESS.	AIR TEMPERATURE		HUMIDITY	WEATHER	CLOUD		SEA		SWELL		VIS.	WATER	
SPEED	DIR			DRY ↓	WET ↓			TYPE	AMT.	DIR	AMT.	DIR	AMT.		COL.	TRANS
06	26		16	23 9			03	8	5	26	1			7		

SUBSURFACE OBSERVATIONS

	SAMPLE DEPTH (M)	T °C ↓	S °/₀₀ ↓	σ_t ↓	Σ ΔD ↓	O_2 ml/l ↓	v_l ↓
OBS	0004	23 37	36 94	25 32			
STD	0010	23 18	36 94	25 37			
OBS	0018	23 00	36 95	25 43			
STD	0020	22 97	36 95	25 44			
STD	0030	22 93	36 96	25 46			
OBS	0032	22 92	36 96	25 46			

Consec. Sta. No. 16 — SURFACE OBSERVATIONS

NODC REF. NO.	STATION	DATE MO.	DAY	YEAR	HOUR	POSITION LATITUDE	LONGITUDE	SONIC DEPTH UNCORRECTED	MAX. SAMPLE DEPTH
00865	PG34	01	06	1961	13	26° 58′ N	056° 36′ E	0035	00

WIND SPEED	DIR.	ANEMO. HGT.	AIR PRESS.	AIR TEMPERATURE DRY ↓	WET ↓	HUMIDITY	WEATHER	CLOUD TYPE	AMT.	SEA DIR.	AMT.	SWELL DIR.	AMT.	VIS.	WATER COL.	TRANS.
06	24		16	23 3			03	3	2	24	3			7		

SUBSURFACE OBSERVATIONS

	SAMPLE DEPTH (M)	T °C ↓	S °/₀₀ ↓	σ_t ↓	Σ ΔD ↓	O_2 ml/l ↓	v_l ↓
STD	0000	23 14	36 94	25 38	0 000		50280
OBS	0000	23 14	36 94	25 38			50280
STD	0010	23 12	36 96	25 40	0 026		50284
OBS	0010	23 12	36 96	25 40			50284
STD	0020	22 94	36 96	25 46	0 052		50275
OBS	0020	22 94	36 96	25 46			50275
STD	0030	22 82	36 98	25 51	0 077		50272
OBS	0032	22 80	36 99	25 52			50271

Consec. Sta. No. 17 — SURFACE OBSERVATIONS

NODC REF. NO.	STATION	DATE MO.	DAY	YEAR	HOUR	POSITION LATITUDE	LONGITUDE	SONIC DEPTH UNCORRECTED	MAX. SAMPLE DEPTH
00865	PG34	01	06	1961	16	26° 58′ N	056° 36′ E	0035	00

WIND SPEED	DIR.	ANEMO. HGT.	AIR PRESS.	AIR TEMPERATURE DRY ↓	WET ↓	HUMIDITY	WEATHER	CLOUD TYPE	AMT.	SEA DIR.	AMT.	SWELL DIR.	AMT.	VIS.	WATER COL.	TRANS.
09	24		17	21 1			03	8	4	24	3			7		

SUBSURFACE OBSERVATIONS

	SAMPLE DEPTH (M)	T °C ↓	S °/₀₀ ↓	σ_t ↓	Σ ΔD ↓	O_2 ml/l ↓	v_l ↓
STD	0000	22 91	36 96	25 46	0 000		50262
OBS	0000	22 91	36 96	25 46			50262
STD	0010	22 90	36 96	25 47	0 025		50267
OBS	0018	22 90	36 96	25 47			50271
STD	0020	22 88	36 96	25 47	0 050		50270
STD	0030	22 75	36 98	25 53	0 076		50266
OBS	0032	22 72	36 99	25 54			50265

Consec. Sta. No. 18 — SURFACE OBSERVATIONS

NODC REF. NO.	STATION	DATE MO.	DAY	YEAR	HOUR	POSITION LATITUDE	LONGITUDE	SONIC DEPTH UNCORRECTED	MAX. SAMPLE DEPTH
00865	PG34	01	06	1961	19	26° 58′ N	056° 36′ E	0035	00

WIND SPEED	DIR.	ANEMO. HGT.	AIR PRESS.	AIR TEMPERATURE DRY ↓	WET ↓	HUMIDITY	WEATHER	CLOUD TYPE	AMT.	SEA DIR	AMT.	SWELL DIR.	AMT.	VIS.	WATER COL.	TRANS
09	26		16	21 7			02	6	4	26	2			7		

SUBSURFACE OBSERVATIONS

	SAMPLE DEPTH (M)	T °C ↓	S °/₀₀ ↓	σ_t ↓	Σ ΔD ↓	O_2 ml/l ↓	v_l ↓
STD	0000	22 91	36 97	25 47	0 000		50262
OBS	0000	22 91	36 97	25 47			50262
STD	0010	22 94	36 96	25 46	0 025		50270
OBS	0010	22 94	36 96	25 46			50270
STD	0020	22 94	36 95	25 45	0 051		50275
OBS	0020	22 94	36 95	25 45			50275
STD	0030	22 83	36 98	25 50	0 076		50272
OBS	0032	22 79	36 99	25 52			50271

Consec. Sta. No. 19 — SURFACE OBSERVATIONS

NODC REF. NO.	STATION	DATE				POSITION		SONIC DEPTH UNCORRECTED	MAX. SAMPLE DEPTH
		MO.	DAY	YEAR	HOUR	LATITUDE	LONGITUDE		
00865	PG38	01	06	1961	23	26° 43′ N	056° 56′ E	0046	00

WIND		ANEMO. HGT.	AIR PRESS.	AIR TEMPERATURE		HUMIDITY	WEATHER	CLOUD		SEA		SWELL		VIS.	WATER	
SPEED	DIR.			DRY ↓	WET ↓			TYPE	AMT.	DIR.	AMT.	DIR.	AMT.		COL.	TRANS.
10	25		16	21 7			03	8	4	28	3			7		

SUBSURFACE OBSERVATIONS

	SAMPLE DEPTH (M)	T °C ↓	S °/₀₀ ↓	σ_t ↓	Σ Δ D ↓	O_2 ml/l ↓	v_l ↓
STD	0000	23 86	36 68	24 97	0 000		50328
OBS	0000	23 86	36 68	24 97			50328
OBS	0005	23 86	36 67	24 97			50330
STD	0010	23 85	36 66	24 96	0 030		50332
OBS	0014	23 85	36 66	24 96			50334
STD	0020	23 86	36 67	24 97	0 060		50338
OBS	0024	23 86	36 67	24 97			50340
STD	0030	23 88	36 68	24 97	0 090		50346
OBS	0033	23 89	36 68	24 97			50348
OBS	0043	23 80	36 70	25 01			50347

Consec. Sta. No. 20 — SURFACE OBSERVATIONS

NODC REF. NO.	STATION	DATE				POSITION		SONIC DEPTH UNCORRECTED	MAX. SAMPLE DEPTH
		MO.	DAY	YEAR	HOUR	LATITUDE	LONGITUDE		
00865	PG39	01	07	1961	01	26° 31′ N	056° 57′ E	0055	01

WIND		ANEMO. HGT.	AIR PRESS.	AIR TEMPERATURE		HUMIDITY	WEATHER	CLOUD		SEA		SWELL		VIS.	WATER	
SPEED	DIR.			DRY ↓	WET ↓			TYPE	AMT.	DIR.	AMT.	DIR.	AMT.		COL.	TRANS.
05	26		19	21 1			03	8	4	26	2			7		

SUBSURFACE OBSERVATIONS

	SAMPLE DEPTH (M)	T °C ↓	S °/₀₀ ↓	σ_t ↓	Σ Δ D ↓	O_2 ml/l ↓	v_l ↓
STD	0000	24 00	36 58	24 86	0 000		50335
OBS	0000	24 00	36 58	24 86			50335
STD	0010	23 97	36 58	24 87	0 031		50338
OBS	0010	23 97	36 58	24 87			50338
STD	0020	24 00	36 58	24 86	0 062		50346
OBS	0020	24 00	36 58	24 86			50346
STD	0030	23 99	36 58	24 86	0 093		50351
OBS	0030	23 99	36 58	24 86			50351
OBS	0040	23 97	36 58	24 87			50354
STD	0050	23 98	36 58	24 86	0 155		50361
OBS	0055	23 98	36 58	24 86			50363

Consec. Sta. No. 21 — SURFACE OBSERVATIONS

NODC REF. NO.	STATION	DATE				POSITION		SONIC DEPTH UNCORRECTED	MAX. SAMPLE DEPTH
		MO.	DAY	YEAR	HOUR	LATITUDE	LONGITUDE		
00865	PG40	01	07	1961	04	26° 21′ N	056° 59′ E	0055	01

WIND		ANEMO. HGT.	AIR PRESS.	AIR TEMPERATURE		HUMIDITY	WEATHER	CLOUD		SEA		SWELL		VIS.	WATER	
SPEED	DIR.			DRY ↓	WET ↓			TYPE	AMT.	DIR.	AMT.	DIR.	AMT.		COL.	TRANS.
01	27		17	23 3			03	6	5	27	2			7		

SUBSURFACE OBSERVATIONS

	SAMPLE DEPTH (M)	T °C ↓	S °/₀₀ ↓	σ_t ↓	Σ ΔD ↓	O_2 ml/l ↓	V_l ↓
STD	0000	24 05	36 56	24 83	0 000		50338
OBS	0000	24 05	36 56	24 83			50338
STD	0010	24 06	36 56	24 82	0 031		50345
OBS	0010	24 06	36 56	24 82			50345
STD	0020	24 06	36 55	24 82	0 063		50350
OBS	0020	24 06	36 55	24 82			50350
STD	0030	24 05	36 56	24 83	0 094		50355
OBS	0030	24 05	36 56	24 83			50355
OBS	0040	24 04	36 57	24 84			50360
STD	0050	24 04	36 58	24 85	0 157		50365
OBS	0053	24 04	36 58	24 85			50367

Consec. Sta. No. 22 — SURFACE OBSERVATIONS

NODC REF. NO.	STATION	DATE				POSITION		SONIC DEPTH UNCORRECTED	MAX. SAMPLE DEPTH
		MO.	DAY	YEAR	HOUR	LATITUDE	LONGITUDE		
00865	PG40	01	07	1961	08	26° 21′ N	056° 59′ E	0055	01

WIND		ANEMO. HGT.	AIR PRESS.	AIR TEMPERATURE		HUMIDITY	WEATHER	CLOUD		SEA		SWELL		VIS.	WATER	
SPEED	DIR.			DRY ↓	WET ↓			TYPE	AMT.	DIR.	AMT.	DIR.	AMT.		COL.	TRANS.
06	36		18	23 9			02	6	3	32	1			7		

SUBSURFACE OBSERVATIONS

	SAMPLE DEPTH (M)	T °C ↓	S °/₀₀ ↓	σ_t ↓	Σ ΔD ↓	O_2 ml/l ↓	V_l ↓
OBS	0004	24 09	36 56	24 81			
STD	0010	24 08	36 56	24 82			
STD	0020	24 07	36 55	24 81			
OBS	0025	24 06	36 55	24 82			
STD	0030	24 06	36 55	24 82			
STD	0050	24 06	36 57	24 83			
OBS	0053	24 06	36 57	24 83			

Consec. Sta. No. 23 — SURFACE OBSERVATIONS

NODC REF. NO.	STATION	DATE				POSITION		SONIC DEPTH UNCORRECTED	MAX. SAMPLE DEPTH
		MO.	DAY	YEAR	HOUR	LATITUDE	LONGITUDE		
00865	PG40	01	07	1961	12	26° 21′ N	056° 59′ E	0055	01

WIND		ANEMO. HGT.	AIR PRESS.	AIR TEMPERATURE		HUMIDITY	WEATHER	CLOUD		SEA		SWELL		VIS.	WATER	
SPEED	DIR.			DRY ↓	WET ↓			TYPE	AMT.	DIR.	AMT.	DIR.	AMT.		COL.	TRANS.
06	36		16	26 1			02	8	2	34	1			7		

SUBSURFACE OBSERVATIONS

	SAMPLE DEPTH (M)	T °C ↓	S °/₀₀ ↓	σ_t ↓	Σ ΔD ↓	O_2 ml/l ↓	v_l ↓
STD	0000	24 06	36 58	24 84	0 000		50340
OBS	0000	24 06	36 58	24 84			50340
STD	0010	24 07	36 56	24 82	0 031		50345
OBS	0010	24 07	36 56	24 82			50345
STD	0020	24 04	36 54	24 81	0 063		50348
OBS	0020	24 04	36 54	24 81			50348
STD	0030	24 02	36 54	24 82	0 094		50351
OBS	0030	24 02	36 54	24 82			50351
OBS	0040	23 92	36 56	24 87			50350
STD	0050	23 93	36 58	24 88	0 157		50357
OBS	0053	23 95	36 58	24 87			50360

Consec. Sta. No. 24 — SURFACE OBSERVATIONS

NODC REF. NO.	STATION	DATE				POSITION		SONIC DEPTH UNCORRECTED	MAX. SAMPLE DEPTH
		MO.	DAY	YEAR	HOUR	LATITUDE	LONGITUDE		
00865	PG40	01	07	1961	15	26° 21′ N	056° 59′ E	0055	01

WIND		ANEMO. HGT.	AIR PRESS.	AIR TEMPERATURE		HUMIDITY	WEATHER	CLOUD		SEA		SWELL		VIS.	WATER	
SPEED	DIR.			DRY ↓	WET ↓			TYPE	AMT.	DIR.	AMT.	DIR.	AMT.		COL.	TRANS.
06	33		16	22 2			02	8	2	33	1			7		

SUBSURFACE OBSERVATIONS

	SAMPLE DEPTH (M)	T °C ↓	S °/₀₀ ↓	σ_t ↓	Σ ΔD ↓	O_2 ml/l ↓	v_l ↓
OBS	0004	23 94	36 58	24 87			
STD	0010	23 93	36 58	24 88			
STD	0020	23 92	36 57	24 87			
OBS	0025	23 92	36 57	24 87			
STD	0030	23 92	36 57	24 87			
STD	0050	23 90	36 58	24 89			
OBS	0053	23 90	36 58	24 89			

Consec. Sta. No. 25 — SURFACE OBSERVATIONS

NODC REF. NO.	STATION	DATE				POSITION		SONIC DEPTH UNCORRECTED	MAX. SAMPLE DEPTH
		MO.	DAY	YEAR	HOUR	LATITUDE	LONGITUDE		
00865	PG40	01	07	1961	20	26° 21′ N	056° 59′ E	0055	01

WIND		ANEMO. HGT	AIR PRESS.	AIR TEMPERATURE		HUMIDITY	WEATHER	CLOUD		SEA		SWELL		VIS.	WATER	
SPEED	DIR			DRY ↓	WET ↓			TYPE	AMT.	DIR	AMT	DIR	AMT.		COL	TRANS.
07	34		17	21 7			02	8	4	34	2			7		

SUBSURFACE OBSERVATIONS

	SAMPLE DEPTH (M)	T °C ↓	S °/₀₀ ↓	σ_t ↓	Σ ΔD ↓	O_2 ml/l ↓	v_l ↓
STD	0000	23 96	36 59	24 88	0 000		50332
OBS	0000	23 96	36 59	24 88			50332
STD	0010	23 94	36 59	24 88	0 031		50336
STD	0020	23 93	36 59	24 89	0 062		50341
OBS	0025	23 92	36 59	24 89			50343
STD	0030	23 92	36 59	24 89	0 093		50345
STD	0050	23 93	36 58	24 88	0 154		50357
OBS	0053	23 94	36 58	24 87			50359

Consec. Sta. No. 26 — SURFACE OBSERVATIONS

NODC REF. NO.	STATION	DATE MO.	DAY	YEAR	HOUR	POSITION LATITUDE	LONGITUDE	SONIC DEPTH UNCORRECTED	MAX. SAMPLE DEPTH
00865	PG40	01	07	1961	22	26° 21′ N	056° 59′ E	0055	01

WIND SPEED	DIR.	ANEMO. HGT.	AIR PRESS.	AIR TEMPERATURE DRY ↓	WET ↓	HUMIDITY	WEATHER	CLOUD TYPE	AMT.	SEA DIR.	AMT.	SWELL DIR.	AMT.	VIS.	WATER COL.	TRANS.
05	36		17	21 1			02	8	4	36	2			7		

SUBSURFACE OBSERVATIONS

	SAMPLE DEPTH (M)	T °C ↓	S °/₀₀ ↓	σ_t ↓	Σ ΔD ↓	O_2 ml/l ↓	v_l ↓
STD	0000	23 86	36 58	24 90	0 000		50324
OBS	0000	23 86	36 58	24 90			50324
STD	0010	23 87	36 54	24 87	0 031		50329
OBS	0015	23 88	36 53	24 85			50332
STD	0020	23 87	36 55	24 87	0 062		50335
STD	0030	23 86	36 57	24 89	0 093		50340
OBS	0030	23 86	36 57	24 89			50340
STD	0050	23 86	36 58	24 90	0 154		50351
OBS	0053	23 86	36 58	24 90			50353

Consec. Sta. No. 27 — SURFACE OBSERVATIONS

NODC REF. NO.	STATION	DATE MO.	DAY	YEAR	HOUR	POSITION LATITUDE	LONGITUDE	SONIC DEPTH UNCORRECTED	MAX. SAMPLE DEPTH
00865	PG40	01	08	1961	01	26° 21′ N	056° 59′ E	0055	01

WIND SPEED	DIR.	ANEMO. HGT.	AIR PRESS.	AIR TEMPERATURE DRY ↓	WET ↓	HUMIDITY	WEATHER	CLOUD TYPE	AMT.	SEA DIR.	AMT.	SWELL DIR.	AMT.	VIS.	WATER COL.	TRANS.
06	05		16	20 6			02	8	4	05	2			7		

SUBSURFACE OBSERVATIONS

	SAMPLE DEPTH (M)	T °C ↓	S °/₀₀ ↓	σ_t ↓	Σ ΔD ↓	O_2 ml/l ↓	v_l ↓
OBS	0004	23 80	36 62	24 95			
STD	0010	23 81	36 61	24 94			
STD	0020	23 82	36 60	24 93			
OBS	0025	23 82	36 60	24 93			
STD	0030	23 82	36 60	24 93			
STD	0050	23 79	36 58	24 92			
OBS	0053	23 78	36 58	24 92			

Consec. Sta. No. 28 — SURFACE OBSERVATIONS

NODC REF. NO.	STATION	DATE MO.	DAY	YEAR	HOUR	POSITION LATITUDE	LONGITUDE	SONIC DEPTH UNCORRECTED	MAX. SAMPLE DEPTH
00865	PG40	01	08	1961	04	26° 21′ N	056° 59′ E	0055	01

WIND SPEED	DIR.	ANEMO. HGT.	AIR PRESS.	AIR TEMPERATURE DRY ↓	WET ↓	HUMIDITY	WEATHER	CLOUD TYPE	AMT.	SEA DIR.	AMT.	SWELL DIR.	AMT.	VIS.	WATER COL.	TRANS.
03	05		19	21 1			02	4	4	05	1			7		

SUBSURFACE OBSERVATIONS

	SAMPLE DEPTH (M)	T °C ↓	S °/₀₀ ↓	σ_t ↓	Σ ΔD ↓	O_2 ml/l ↓	v_l ↓
STD	0000	23 78	36 61	24 94	0 000		50319
OBS	0000	23 78	36 61	24 94			50319
STD	0010	23 75	36 60	24 95	0 030		50322
OBS	0015	23 74	36 59	24 94			50323
STD	0020	23 75	36 59	24 94	0 060		50327
STD	0030	23 76	36 59	24 94	0 091		50333
OBS	0030	23 76	36 59	24 94			50333
STD	0050	23 71	36 61	24 97	0 151		50340
OBS	0053	23 69	36 61	24 97			50340

Consec. Sta. No. 29 — SURFACE OBSERVATIONS

NODC REF. NO.	STATION	DATE MO.	DAY	YEAR	HOUR	POSITION LATITUDE	LONGITUDE	SONIC DEPTH UNCORRECTED	MAX. SAMPLE DEPTH
00865	PG40	01	08	1961	06	26° 21′ N	056° 59′ E	0055	01

WIND SPEED	DIR.	ANEMO. HGT.	AIR PRESS.	AIR TEMPERATURE DRY ↓	WET ↓	HUMIDITY	WEATHER	CLOUD TYPE	AMT.	SEA DIR.	AMT.	SWELL DIR.	AMT.	VIS.	WATER COL.	TRANS.
11	04		19	30 0			01	2	3	01	1			7		

SUBSURFACE OBSERVATIONS

	SAMPLE DEPTH (M)	T °C ↓	S °/₀₀ ↓	σ_t ↓	Σ ΔD ↓	O_2 ml/l ↓	V_l ↓
STD	0000	23 95	36 60	24 89	0 000		50332
OBS	0000	23 95	36 60	24 89			50332
STD	0010	23 88	36 60	24 91	0 031		50332
STD	0020	23 82	36 60	24 93	0 061		50332
OBS	0028	23 78	36 60	24 94			50334
STD	0030	23 77	36 60	24 94	0 092		50334
STD	0050	23 72	36 61	24 96	0 152		50341
OBS	0053	23 72	36 61	24 96			50343

Consec. Sta. No. 30 — SURFACE OBSERVATIONS

NODC REF. NO.	STATION	DATE MO.	DAY	YEAR	HOUR	POSITION LATITUDE	LONGITUDE	SONIC DEPTH UNCORRECTED	MAX. SAMPLE DEPTH
00865	PG40	01	08	1961	09	26° 21′ N	056° 59′ E	0055	01

WIND SPEED	DIR.	ANEMO. HGT.	AIR PRESS.	AIR TEMPERATURE DRY ↓	WET ↓	HUMIDITY	WEATHER	CLOUD TYPE	AMT.	SEA DIR.	AMT.	SWELL DIR.	AMT.	VIS.	WATER COL.	TRANS.
01	32		17	30 0			02	4	2	34	1			6		

SUBSURFACE OBSERVATIONS

	SAMPLE DEPTH (M)	T °C ↓	S °/₀₀ ↓	σ_t ↓	Σ ΔD ↓	O_2 ml/l ↓	V_l ↓
STD	0000	24 12	36 59	24 83	0 000		50345
OBS	0000	24 12	36 59	24 83			50345
STD	0010	23 88	36 60	24 91	0 031		50332
OBS	0015	23 80	36 60	24 93			50328
STD	0020	23 78	36 60	24 94	0 061		50329
STD	0030	23 76	36 61	24 95	0 092		50333
OBS	0030	23 76	36 61	24 95			50333
STD	0050	23 77	36 60	24 94	0 152		50345
OBS	0053	23 77	36 60	24 94			50346

Consec. Sta. No. 31 — SURFACE OBSERVATIONS

NODC REF. NO	STATION	DATE MO.	DAY	YEAR	HOUR	POSITION LATITUDE	LONGITUDE	SONIC DEPTH UNCORRECTED	MAX. SAMPLE DEPTH
00865	PG40	01	08	1961	13	26° 21′ N	056° 59′ E	0055	01

WIND SPEED	DIR	ANEMO. HGT.	AIR PRESS.	AIR TEMPERATURE DRY ↓	WET ↓	HUMIDITY	WEATHER	CLOUD TYPE	AMT.	SEA DIR.	AMT.	SWELL DIR.	AMT.	VIS.	WATER COL.	TRANS.
03	32		16	27 8			03	4	6	32	1			7		

SUBSURFACE OBSERVATIONS

	SAMPLE DEPTH (M)	T °C ↓	S °/₀₀ ↓	σ_t ↓	Σ ΔD ↓	O_2 ml/l ↓	V_l ↓
STD	0000	23 96	36 58	24 87	0 000		50332
OBS	0000	23 96	36 58	24 87			50332
STD	0010	23 90	36 59	24 89	0 031		50333
STD	0020	23 84	36 60	24 92	0 061		50334
OBS	0025	23 82	36 60	24 93			50335
STD	0030	23 80	36 61	24 94	0 092		50337
STD	0050	23 74	36 63	24 97	0 152		50343
OBS	0053	23 74	36 63	24 97			50345

Consec. Sta. No. 32

SURFACE OBSERVATIONS

NODC REF. NO.	STATION	DATE				POSITION		SONIC DEPTH UNCORRECTED	MAX. SAMPLE DEPTH
		MO.	DAY	YEAR	HOUR	LATITUDE	LONGITUDE		
00865	PG40	01	08	1961	16	26° 21′ N	056° 59′ E	0055	01

WIND		ANEMO. HGT.	AIR PRESS.	AIR TEMPERATURE		HUMIDITY	WEATHER	CLOUD		SEA		SWELL		VIS.	WATER	
SPEED	DIR.			DRY ↓	WET ↓			TYPE	AMT.	DIR.	AMT.	DIR.	AMT.		COL.	TRANS.
02	34		17	21 2			01	4	6	34	1			7		

SUBSURFACE OBSERVATIONS

	SAMPLE DEPTH (M)	T °C ↓	S °/₀₀ ↓	σ_t ↓	Σ Δ D ↓	O_2 ml/l ↓	V_l ↓
STD	0000	23 92	36 58	24 88	0 000		50329
OBS	0000	23 92	36 58	24 88			50329
STD	0010	23 91	36 58	24 88	0 031		50333
OBS	0015	23 90	36 58	24 89			50335
STD	0020	23 90	36 58	24 89	0 062		50338
STD	0030	23 86	36 58	24 90	0 092		50340
OBS	0030	23 86	36 58	24 90			50340
STD	0050	23 67	36 62	24 99	0 153		50337
OBS	0052	23 64	36 63	25 00			50337
OBS	0052	23 64	36 63	25 00			50337

Consec. Sta. No. 33

SURFACE OBSERVATIONS

NODC REF. NO.	STATION	DATE				POSITION		SONIC DEPTH UNCORRECTED	MAX. SAMPLE DEPTH
		MO.	DAY	YEAR	HOUR	LATITUDE	LONGITUDE		
00865	PG40	01	08	1961	19	26° 21′ N	056° 59′ E	0055	01

WIND		ANEMO. HGT.	AIR PRESS.	AIR TEMPERATURE		HUMIDITY	WEATHER	CLOUD		SEA		SWELL		VIS	WATER	
SPEED	DIR.			DRY ↓	WET ↓			TYPE	AMT.	DIR.	AMT.	DIR.	AMT.		COL.	TRANS.
03	10		17	21 1			01	5	3	10	1			7		

SUBSURFACE OBSERVATIONS

	SAMPLE DEPTH (M)	T °C ↓	S °/₀₀ ↓	σ_t ↓	Σ Δ D ↓	O_2 ml/l ↓	V_l ↓
STD	0000	23 89	36 59	24 90	0 000		50327
OBS	0000	23 89	36 59	24 90			50327
STD	0010	23 89	36 59	24 90	0 031		50332
STD	0020	23 86	36 60	24 91	0 061		50336
OBS	0026	23 84	36 60	24 92			50337
STD	0030	23 82	36 60	24 93	0 092		50338
STD	0050	23 68	36 62	24 98	0 152		50338
OBS	0052	23 66	36 62	24 99			50338

Consec. Sta. No. 34 — SURFACE OBSERVATIONS

NODC REF. NO.	STATION	DATE				POSITION		SONIC DEPTH UNCORRECTED	MAX. SAMPLE DEPTH
		MO.	DAY	YEAR	HOUR	LATITUDE	LONGITUDE		
00865	PG40	01	08	1961	22	26° 21′ N	056° 59′ E	0055	01

WIND		ANEMO. HGT.	AIR PRESS.	AIR TEMPERATURE		HUMIDITY	WEATHER	CLOUD		SEA		SWELL		VIS.	WATER	
SPEED	DIR.			DRY ↓	WET ↓			TYPE	AMT.	DIR.	AMT.	DIR.	AMT.		COL.	TRANS.
01	09		17	20 6			01	4	5	00	0			7		

SUBSURFACE OBSERVATIONS

	SAMPLE DEPTH (M)	T °C ↓	S °/₀₀ ↓	σ_t ↓	Σ ΔD ↓	O_2 ml/l ↓	v_l ↓
STD	0000	23 88	36 60	24 91	0 000		50326
OBS	0000	23 88	36 60	24 91			50326
STD	0010	23 86	36 59	24 91	0 031		50330
OBS	0015	23 85	36 59	24 91			50332
STD	0020	23 87	36 59	24 90	0 061		50336
STD	0030	23 88	36 59	24 90	0 092		50342
OBS	0030	23 88	36 59	24 90			50342
STD	0050	23 80	36 60	24 93	0 153		50347
OBS	0052	23 79	36 60	24 93			50347

Consec. Sta. No. 35 — SURFACE OBSERVATIONS

NODC REF. NO.	STATION	DATE				POSITION		SONIC DEPTH UNCORRECTED	MAX. SAMPLE DEPTH
		MO.	DAY	YEAR	HOUR	LATITUDE	LONGITUDE		
00865	PG40	01	09	1961	01	26° 21′ N	056° 59′ E	0055	01

WIND		ANEMO. HGT.	AIR PRESS.	AIR TEMPERATURE		HUMIDITY	WEATHER	CLOUD		SEA		SWELL		VIS.	WATER	
SPEED	DIR.			DRY ↓	WET ↓			TYPE	AMT.	DIR.	AMT.	DIR.	AMT.		COL.	TRANS.
01	17		17	20 6			02	4	6	00	0			7		

SUBSURFACE OBSERVATIONS

	SAMPLE DEPTH (M)	T °C ↓	S °/₀₀ ↓	σ_t ↓	Σ ΔD ↓	O_2 ml/l ↓	v_l ↓
STD	0000	23 82	36 59	24 92	0 000		50321
OBS	0000	23 82	36 59	24 92			50321
STD	0010	23 82	36 59	24 92	0 030		50327
STD	0020	23 81	36 60	24 93	0 061		50332
OBS	0026	23 81	36 60	24 93			50335
STD	0030	23 81	36 60	24 93	0 091		50337
STD	0050	23 80	36 60	24 93	0 152		50347
OBS	0052	23 80	36 60	24 93			50348

Consec. Sta. No. 36 — SURFACE OBSERVATIONS

NODC REF NO.	STATION	DATE				POSITION		SONIC DEPTH UNCORRECTED	MAX. SAMPLE DEPTH
		MO.	DAY	YEAR	HOUR	LATITUDE	LONGITUDE		
00865	PG40	01	09	1961	04	26° 21′ N	056° 59′ E	0055	01

WIND		ANEMO. HGT.	AIR PRESS.	AIR TEMPERATURE		HUMIDITY	WEATHER	CLOUD		SEA		SWELL		VIS.	WATER	
SPEED	DIR.			DRY ↓	WET ↓			TYPE	AMT.	DIR.	AMT.	DIR.	AMT.		COL.	TRANS.
03	10		18	21 1			01	4	4	11	1			7		

SUBSURFACE OBSERVATIONS

	SAMPLE DEPTH (M)	T °C ↓	S °/₀₀ ↓	σ_t ↓	Σ ΔD ↓	O_2 ml/l ↓	v_l ↓
STD	0000	23 89	36 58	24 89	0 000		50327
OBS	0000	23 89	36 58	24 89			50327
STD	0010	23 88	36 58	24 89	0 031		50331
OBS	0015	23 88	36 58	24 89			50334
STD	0020	23 88	36 59	24 90	0 061		50337
STD	0030	23 88	36 60	24 91	0 092		50343
OBS	0030	23 88	36 60	24 91			50343
STD	0050	23 85	36 60	24 92	0 153		50351
OBS	0052	23 84	36 60	24 92			50351

Consec. Sta. No. 37

SURFACE OBSERVATIONS

NODC REF. NO.	STATION	DATE				POSITION		SONIC DEPTH UNCORRECTED	MAX. SAMPLE DEPTH
		MO	DAY	YEAR	HOUR	LATITUDE	LONGITUDE		
00865	PG40	01	09	1961	07	26° 21′ N	056° 59′ E	0055	01

WIND		ANEMO. HGT.	AIR PRESS.	AIR TEMPERATURE		HUMIDITY	WEATHER	CLOUD		SEA		SWELL		VIS.	WATER	
SPEED	DIR.			DRY ↓	WET ↓			TYPE	AMT.	DIR.	AMT.	DIR.	AMT.		COL.	TRANS.
01	03		19	27 8			02	5	5	34	1			7		

SUBSURFACE OBSERVATIONS

	SAMPLE DEPTH (M)	T °C ↓	S °/₀₀ ↓	σ_t ↓	Σ ΔD ↓	O_2 ml/l ↓	V_l ↓
STD	0000	24 02	36 59	24 86	0 000		50337
OBS	0000	24 02	36 59	24 86			50337
STD	0010	23 97	36 59	24 87	0 031		50339
STD	0020	23 92	36 59	24 89	0 062		50340
OBS	0026	23 90	36 59	24 89			50342
STD	0030	23 89	36 59	24 90	0 093		50343
STD	0050	23 82	36 60	24 93	0 154		50349
OBS	0052	23 82	36 60	24 93			50350

Consec. Sta. No. 38

SURFACE OBSERVATIONS

NODC REF. NO.	STATION	DATE				POSITION		SONIC DEPTH UNCORRECTED	MAX. SAMPLE DEPTH
		MO.	DAY	YEAR	HOUR	LATITUDE	LONGITUDE		
00865	PG40	01	09	1961	10	26° 21′ N	056° 58′ E	0055	01

WIND		ANEMO. HGT.	AIR PRESS.	AIR TEMPERATURE		HUMIDITY	WEATHER	CLOUD		SEA		SWELL		VIS.	WATER	
SPEED	DIR.			DRY ↓	WET ↓			TYPE	AMT.	DIR.	AMT.	DIR.	AMT.		COL.	TRANS.
03	36		17	25 6			02	4	5	36	1			7		

SUBSURFACE OBSERVATIONS

	SAMPLE DEPTH (M)	T °C ↓	S °/₀₀ ↓	σ_t ↓	Σ ΔD ↓	O_2 ml/l ↓	V_l ↓
STD	0000	24 12	36 59	24 83	0 000		50345
OBS	0000	24 12	36 59	24 83			50345
STD	0010	23 96	36 58	24 87	0 031		50337
OBS	0015	23 92	36 58	24 88			50337
STD	0020	23 92	36 58	24 88	0 062		50340
STD	0030	23 92	36 58	24 88	0 093		50345
OBS	0030	23 92	36 58	24 88			50345
STD	0050	23 91	36 58	24 88	0 155		50355
OBS	0053	23 91	36 58	24 88			50357

Consec. Sta. No. 39

SURFACE OBSERVATIONS

NODC REF. NO.	STATION	DATE				POSITION		SONIC DEPTH UNCORRECTED	MAX. SAMPLE DEPTH
		MO	DAY	YEAR	HOUR	LATITUDE	LONGITUDE		
00865	PG40	01	09	1961	13	26° 21′ N	056° 59′ E	0055	01

WIND		ANEMO. HGT.	AIR PRESS.	AIR TEMPERATURE		HUMIDITY	WEATHER	CLOUD		SEA		SWELL		VIS.	WATER	
SPEED	DIR.			DRY ↓	WET ↓			TYPE	AMT.	DIR.	AMT	DIR.	AMT.		COL	TRANS.
04	32		17	26 7			02	2	3	32	1			7		

SUBSURFACE OBSERVATIONS

	SAMPLE DEPTH (M)	T °C ↓	S °/₀₀ ↓	σ_t ↓	Σ ΔD ↓	O_2 ml/l ↓	V_l ↓
STD	0000	23 97	36 58	24 87	0 000		50333
OBS	0000	23 97	36 58	24 87			50333
STD	0010	23 94	36 58	24 87	0 031		50336
STD	0020	23 92	36 58	24 88	0 062		50340
OBS	0026	23 90	36 58	24 89			50341
STD	0030	23 89	36 58	24 89	0 093		50343
STD	0050	23 83	36 59	24 92	0 154		50349
OBS	0052	23 82	36 59	24 92			50349

Consec. Sta. No. 40 — SURFACE OBSERVATIONS

NODC REF. NO.	STATION	DATE				POSITION		SONIC DEPTH UNCORRECTED	MAX. SAMPLE DEPTH
		MO.	DAY	YEAR	HOUR	LATITUDE	LONGITUDE		
00865	PG40	01	09	1961	16	26° 21′ N	056° 59′ E	0055	01

WIND		ANEMO HGT	AIR PRESS.	AIR TEMPERATURE		HUMIDITY	WEATHER	CLOUD		SEA		SWELL		VIS.	WATER	
SPEED	DIR			DRY ↓	WET ↓			TYPE	AMT.	DIR.	AMT.	DIR	AMT.		COL.	TRANS.
06	32		18	22 8			02	2	4	32	1			7		

SUBSURFACE OBSERVATIONS

	SAMPLE DEPTH (M)	T °C ↓	S °/₀₀ ↓	σ_t ↓	$\Sigma \Delta D$ ↓	O_2 ml/l ↓	V_f ↓
STD	0000		36 59				
OBS	0000	24 20*	36 59	24 80*			
STD	0010		36 59				
OBS	0015	23 90	36 63*	24 92*			
STD	0020	23 90	36 59	24 89			
STD	0030	23 88	36 59	24 90			
OBS	0030	23 88	36 59	24 90			
STD	0050	23 83	36 60	24 92			
OBS	0052	23 82	36 60	24 93			

Consec. Sta. No. 41 — SURFACE OBSERVATIONS

NODC REF. NO.	STATION	DATE				POSITION		SONIC DEPTH UNCORRECTED	MAX. SAMPLE DEPTH
		MO.	DAY	YEAR	HOUR	LATITUDE	LONGITUDE		
00865	PG40	01	09	1961	19	26° 21′ N	056° 59′ E	0055	01

WIND		ANEMO HGT.	AIR PRESS.	AIR TEMPERATURE		HUMIDITY	WEATHER	CLOUD		SEA		SWELL		VIS.	WATER	
SPEED	DIR.			DRY ↓	WET ↓			TYPE	AMT.	DIR.	AMT.	DIR.	AMT.		COL.	TRANS.
06	03		18	22 2			02	2	4	03	2			7		

SUBSURFACE OBSERVATIONS

	SAMPLE DEPTH (M)	T °C ↓	S °/₀₀ ↓	σ_t ↓	$\Sigma \Delta D$ ↓	O_2 ml/l ↓	V_f ↓
STD	0000	23 92	36 60	24 90	0 000		50330
OBS	0000	23 92	36 60	24 90			50330
STD	0010	23 89	36 61	24 91	0 031		50333
STD	0020	23 87	36 62	24 93	0 061		50337
OBS	0026	23 86	36 62	24 93			50340
STD	0030	23 85	36 62	24 93	0 092		50341
STD	0050	23 84	36 59	24 91	0 153		50350
OBS	0052	23 84	36 59	24 91			50351

Consec. Sta. No. 42 — SURFACE OBSERVATIONS

NODC REF. NO.	STATION	DATE				POSITION		SONIC DEPTH UNCORRECTED	MAX. SAMPLE DEPTH
		MO.	DAY	YEAR	HOUR	LATITUDE	LONGITUDE		
00865	PG40	01	09	1961	22	26° 21′ N	056° 59′ E	0055	01

WIND		ANEMO. HGT.	AIR PRESS.	AIR TEMPERATURE		HUMIDITY	WEATHER	CLOUD		SEA		SWELL		VIS.	WATER	
SPEED	DIR			DRY ↓	WET ↓			TYPE	AMT.	DIR.	AMT.	DIR.	AMT.		COL.	TRANS.
04	04		17	20 6			02		0	04	1			7		

SUBSURFACE OBSERVATIONS

	SAMPLE DEPTH (M)	T °C ↓	S °/₀₀ ↓	σ_t ↓	$\Sigma \Delta D$ ↓	O_2 ml/l ↓	V_f ↓
STD	0000	23 80	36 59	24 92	0 000		50320
OBS	0000	23 80	36 59	24 92			50320
STD	0010	23 83	36 59	24 92	0 030		50328
OBS	0015	23 84	36 59	24 91			50331
STD	0020	23 84	36 59	24 91	0 061		50334
STD	0030	23 84	36 59	24 91	0 092		50339
OBS	0030	23 84	36 59	24 91			50339
STD	0050	23 86	36 59	24 91	0 153		50351
OBS	0052	23 86	36 59	24 91			50353

Consec. Sta. No. 43 — SURFACE OBSERVATIONS

NODC REF. NO.	STATION	DATE				POSITION		SONIC DEPTH UNCORRECTED	MAX. SAMPLE DEPTH
		MO.	DAY	YEAR	HOUR	LATITUDE	LONGITUDE		
00865	PG40	01	10	1961	01	26° 21′ N	056° 59′ E	0055	01

WIND		ANEMO. HGT.	AIR PRESS.	AIR TEMPERATURE		HUMIDITY	WEATHER	CLOUD		SEA		SWELL		VIS.	WATER	
SPEED	DIR.			DRY ↓	WET ↓			TYPE	AMT.	DIR.	AMT.	DIR.	AMT.		COL.	TRANS.
03	08		19	19 4			02		0	09	1			7		

SUBSURFACE OBSERVATIONS

	SAMPLE DEPTH (M)	T °C ↓	S °/₀₀ ↓	σ_t ↓	Σ ΔD ↓	O_2 ml/l ↓	V_l ↓
STD	0000	23 81	36 60	24 93	0 000		50321
OBS	0000	23 81	36 60	24 93			50321
STD	0010	23 81	36 61	24 94	0 030		50327
STD	0020	23 82	36 62	24 94	0 061		50333
OBS	0026	23 82	36 63	24 95			50337
STD	0030	23 82					
STD	0050	23 80					
OBS	0052	23 80					

Consec. Sta. No. 44 — SURFACE OBSERVATIONS

NODC REF. NO.	STATION	DATE				POSITION		SONIC DEPTH UNCORRECTED	MAX. SAMPLE DEPTH
		MO.	DAY	YEAR	HOUR	LATITUDE	LONGITUDE		
00865	PG40	01	10	1961	04	26° 21′ N	056° 59′ E	0055	01

WIND		ANEMO. HGT.	AIR PRESS.	AIR TEMPERATURE		HUMIDITY	WEATHER	CLOUD		SEA		SWELL		VIS.	WATER	
SPEED	DIR.			DRY ↓	WET ↓			TYPE	AMT.	DIR.	AMT.	DIR.	AMT.		COL.	TRANS.
03	08		19	19 4			02		0	05	3			7		

SUBSURFACE OBSERVATIONS

	SAMPLE DEPTH (M)	T °C ↓	S °/₀₀ ↓	σ_t ↓	Σ ΔD ↓	O_2 ml/l ↓	V_l ↓
STD	0000	23 82					
OBS	0000	23 82					
STD	0010	23 81					
OBS	0015	23 80	36 60	24 93			
STD	0020	23 79	36 60	24 93			
STD	0030	23 78	36 60	24 94			
OBS	0030	23 78	36 60	24 94			
STD	0050	23 78	36 60	24 94			
OBS	0052	23 78	36 60	24 94			

Consec. Sta. No. 45 — SURFACE OBSERVATIONS

NODC REF. NO.	STATION	DATE				POSITION		SONIC DEPTH UNCORRECTED	MAX. SAMPLE DEPTH
		MO.	DAY	YEAR	HOUR	LATITUDE	LONGITUDE		
00865	PG43	01	10	1961	15	25° 01′ N	056° 48′ E	0265	02

WIND SPEED	WIND DIR.	ANEMO. HGT.	AIR PRESS.	AIR TEMPERATURE DRY ↓	AIR TEMPERATURE WET ↓	HUMIDITY	WEATHER	CLOUD TYPE	CLOUD AMT.	SEA DIR.	SEA AMT.	SWELL DIR.	SWELL AMT.	VIS.	WATER COL.	WATER TRANS.
08	10		20	21 7			03	4	9	10	1			7		

SUBSURFACE OBSERVATIONS

	SAMPLE DEPTH (M)	T °C ↓	S °/₀₀ ↓	σ_t ↓	Σ Δ D ↓	O_2 ml/l ↓	v_l ↓
STD	0000	24 02	36 55	24 83	0 000		50336
OBS	0000	24 02	36 55	24 83			50336
STD	0010	24 02	36 55	24 83	0 031		50341
OBS	0010	24 02	36 55	24 83			50341
OBS	0019	24 02	36 55	24 83			50346
STD	0020	24 02	36 55	24 83	0 063		50346
OBS	0029	24 02	36 54	24 82			50351
STD	0030	24 01	36 54	24 82	0 094		50351
OBS	0048	23 88	36 56	24 88			50351
STD	0050	23 87	36 56	24 88	0 157		50351
OBS	0072	23 76	36 55	24 91			50354
STD	0075	23 56	36 51	24 93	0 234		50338
STD	0100	22 12	36 25	25 15	0 308		50224
OBS	0107	21 78	36 20	25 21			50197
OBS	0148	20 34	36 08	25 51			50090
STD	0150	20 28	36 07	25 52	0 442		50085
OBS	0190	19 35	36 04	25 74			50022
STD	0200	19 17	36 06	25 81	0 562		50012
OBS	0248	18 64	36 30	26 12			49998

Consec. Sta. No. 46 — SURFACE OBSERVATIONS

NODC REF. NO.	STATION	DATE				POSITION		SONIC DEPTH UNCORRECTED	MAX. SAMPLE DEPTH
		MO.	DAY	YEAR	HOUR	LATITUDE	LONGITUDE		
00865	PG42	01	10	1961	19	25° 33′ N	056° 45′ E	0101	01

WIND SPEED	WIND DIR.	ANEMO. HGT.	AIR PRESS.	AIR TEMPERATURE DRY ↓	AIR TEMPERATURE WET ↓	HUMIDITY	WEATHER	CLOUD TYPE	CLOUD AMT.	SEA DIR.	SEA AMT.	SWELL DIR.	SWELL AMT.	VIS.	WATER COL.	WATER TRANS.
05	16		22	22 2			02	5	7	17	4			7		

SUBSURFACE OBSERVATIONS

	SAMPLE DEPTH (M)	T °C ↓	S °/₀₀ ↓	σ_t ↓	Σ Δ D ↓	O_2 ml/l ↓	v_l ↓
STD	0000	23 83	36 54	24 88	0 000		50320
OBS	0000	23 83	36 54	24 88			50320
STD	0010	23 82	36 54	24 88	0 031		50325
OBS	0010	23 82	36 54	24 88			50325
STD	0020	23 81	36 55	24 89	0 062		50330
OBS	0020	23 81	36 55	24 89			50330
STD	0030	23 82	36 54	24 88	0 093		50336
OBS	0030	23 82	36 54	24 88			50336
STD	0050	23 80	36 54	24 89	0 154		50345
OBS	0050	23 80	36 54	24 89			50345
STD	0075	23 81	36 55	24 89	0 232		50359
OBS	0075	23 81	36 55	24 89			50359
STD	0100	25 06	39 20	26 52	0 290		50569
OBS	0100	25 06	39 20	26 52			50569

Consec. Sta. No. 47

SURFACE OBSERVATIONS

NODC REF. NO.	STATION	DATE				POSITION		SONIC DEPTH UNCORRECTED	MAX. SAMPLE DEPTH
		MO.	DAY	YEAR	HOUR	LATITUDE	LONGITUDE		
00865	PG41	01	11	1961	00	26° 19′ N	056° 47′ E	0091	01

WIND		ANEMO. HGT.	AIR PRESS.	AIR TEMPERATURE		HUMID-ITY	WEATHER	CLOUD		SEA		SWELL		VIS.	WATER	
SPEED	DIR.			DRY ↓	WET ↓			TYPE	AMT.	DIR.	AMT.	DIR.	AMT.		COL.	TRANS.
03	11		21	21 1			02	8	2	12	1			7		

SUBSURFACE OBSERVATIONS

	SAMPLE DEPTH (M)	T °C ↓	S °/₀₀ ↓	σ_t ↓	Σ ΔD ↓	O_2 ml/l ↓	v_1 ↓
STD	0000	23 80	36 63	24 95	0 000		50321
OBS	0000	23 80	36 63	24 95			50321
STD	0010	23 78	36 62	24 95	0 030		50325
OBS	0010	23 78	36 62	24 95			50325
STD	0020	23 79	36 61	24 94	0 060		50330
OBS	0025	23 80	36 61	24 94			50334
STD	0030	23 82	36 61	24 93	0 091		50338
OBS	0039	23 84	36 62	24 93			50345
STD	0050	23 83	36 71	25 01	0 151		50354
OBS	0059	23 82	36 78	25 06			50360
STD	0075	24 57	39 08	26 58	0 207		50513
OBS	0079	24 66	39 32	26 73			50531
OBS	0089	24 70	39 34	26 74			50540

Consec. Sta. No. 48

SURFACE OBSERVATIONS

NODC REF. NO.	STATION	DATE				POSITION		SONIC DEPTH UNCORRECTED	MAX. SAMPLE DEPTH
		MO.	DAY	YEAR	HOUR	LATITUDE	LONGITUDE		
00865	PG37	01	11	1961	02	26° 30′ N	056° 40′ E	0082	01

WIND		ANEMO. HGT.	AIR PRESS.	AIR TEMPERATURE		HUMID-ITY	WEATHER	CLOUD		SEA		SWELL		VIS.	WATER	
SPEED	DIR.			DRY ↓	WET ↓			TYPE	AMT.	DIR.	AMT.	DIR.	AMT.		COL.	TRANS.
05	04		22	21 1			02	6	4	04	1			7		

SUBSURFACE OBSERVATIONS

	SAMPLE DEPTH (M)	T °C ↓	S °/₀₀ ↓	σ_t ↓	Σ ΔD ↓	O_2 ml/l ↓	v_1 ↓
STD	0000	23 86	36 64	24 94	0 000		50326
OBS	0000	23 86	36 64	24 94			50326
STD	0010	23 86	36 64	24 94	0 030		50332
OBS	0010	23 86	36 64	24 94			50332
STD	0020	23 86	36 64	24 94	0 060		50337
OBS	0020	23 86	36 64	24 94			50337
STD	0030	23 88	36 64	24 94	0 091		50344
OBS	0030	23 88	36 64	24 94			50344
OBS	0049	23 86	36 65	24 95			50353
STD	0050	23 87	36 65	24 95	0 152		50355
OBS	0059	23 95	36 69	24 96			50367
STD	0075	28 04	38 47	25 01	0 227		50745
OBS	0079	29 82	39 25	25 00			50896

Consec. Sta. No. 49 — SURFACE OBSERVATIONS

NODC REF. NO.	STATION	DATE				POSITION		SONIC DEPTH UNCORRECTED	MAX. SAMPLE DEPTH
		MO.	DAY	YEAR	HOUR	LATITUDE	LONGITUDE		
00865	PG36	01	11	1961	05	26° 37′ N	056° 30′ E	0077	01

WIND		ANEMO. HGT.	AIR PRESS.	AIR TEMPERATURE		HUMIDITY	WEATHER	CLOUD		SEA		SWELL		VIS.	WATER	
SPEED	DIR.			DRY ↓	WET ↓			TYPE	AMT.	DIR.	AMT.	DIR.	AMT.		COL.	TRANS.
11	06		23	20 0			02	4	6	06	2			7		

SUBSURFACE OBSERVATIONS

	SAMPLE DEPTH (M)	T °C ↓	S °/₀₀ ↓	σ_t ↓	ΣΔD ↓	O_2 ml/l ↓	v_1 ↓
STD	0000	23 66	36 64	25 00	0 000		50310
OBS	0000	23 66	36 64	25 00			50310
STD	0010	23 66	36 63	25 00	0 030		50315
OBS	0010	23 66	36 63	25 00			50315
STD	0020	23 64	36 64	25 01	0 059		50320
OBS	0020	23 64	36 64	25 01			50320
STD	0030	23 66	36 63	25 00	0 089		50326
OBS	0030	23 66	36 63	25 00			50326
OBS	0045	23 63	36 63	25 00			50332
STD	0050	23 68	36 74	25 07	0 148		50343
OBS	0060	23 94	36 95	25 15			50377
STD	0075	24 69	38 64	26 21	0 208		50506
OBS	0075	24 69	38 64	26 21			50506

Consec. Sta. No. 50 — SURFACE OBSERVATIONS

NODC REF. NO.	STATION	DATE				POSITION		SONIC DEPTH UNCORRECTED	MAX. SAMPLE DEPTH
		MO.	DAY	YEAR	HOUR	LATITUDE	LONGITUDE		
00865	PG36	01	11	1961	08	26° 37′ N	056° 30′ E	0077	01

WIND		ANEMO. HGT.	AIR PRESS.	AIR TEMPERATURE		HUMIDITY	WEATHER	CLOUD		SEA		SWELL		VIS.	WATER	
SPEED	DIR.			DRY ↓	WET ↓			TYPE	AMT.	DIR.	AMT.	DIR.	AMT.		COL.	TRANS.
10	06		22	21 1			02	4	6	06	3			7		

SUBSURFACE OBSERVATIONS

	SAMPLE DEPTH (M)	T °C ↓	S °/₀₀ ↓	σ_t ↓	ΣΔD ↓	O_2 ml/l ↓	v_1 ↓
STD	0000	23 62	36 63	25 01	0 000		50307
OBS	0000	23 62	36 63	25 01			50307
STD	0010	23 63	36 65	25 02	0 030		50314
STD	0020	23 65	36 67	25 03	0 059		50322
STD	0030	23 66	36 69	25 04	0 088		50328
OBS	0038	23 67	36 70	25 05			50334
STD	0050	23 92	37 19	25 34	0 144		50379
STD	0075	24 81	38 95	26 41	0 199		50527
OBS	0075	24 81	38 95	26 41			50527

Consec. Sta. No. 51

SURFACE OBSERVATIONS

NODC REF. NO.	STATION	DATE				POSITION		SONIC DEPTH UNCORRECTED	MAX. SAMPLE DEPTH
		MO.	DAY	YEAR	HOUR	LATITUDE	LONGITUDE		
00865	PG36	01	11	1961	11	26° 37′ N	056° 30′ E	0077	01

WIND		ANEMO. HGT.	AIR PRESS.	AIR TEMPERATURE		HUMIDITY	WEATHER	CLOUD		SEA		SWELL		VIS.	WATER	
SPEED	DIR.			DRY ↓	WET ↓			TYPE	AMT.	DIR.	AMT.	DIR.	AMT.		COL.	TRANS.
06	15		20	27 8			02	8	3	15	1			7		

SUBSURFACE OBSERVATIONS

	SAMPLE DEPTH (M)	T °C ↓	S °/₀₀ ↓	σ_t ↓	$\Sigma \Delta D$ ↓	O_2 ml/l ↓	v_l ↓
STD	0000	23 66	36 61	24 98	0 000		50309
OBS	0000	23 66	36 61	24 98			50309
STD	0010	23 65	36 62	24 99	0 030		50314
OBS	0015	23 64	36 62	24 99			50316
STD	0020	23 64	36 65	25 02	0 060		50320
STD	0030	23 64	36 78	25 12	0 089		50330
OBS	0030	23 64	36 78	25 12			50330
STD	0050	23 9*	37 37	25 46	0 143		50390
OBS	0050	23 98	37 37	25 46			50390
OBS	0060	23 98	37 52	25 57			50401
OBS	0065	24 06	37 62	25 63			50414
OBS	0070	24 44	38 23	25 97			50469
STD	0075	24 84	39 08	26 50	0 194		50534
OBS	0075	24 84	39 08	26 50			50534

Consec. Sta. No. 52

SURFACE OBSERVATIONS

NODC REF. NO.	STATION	DATE				POSITION		SONIC DEPTH UNCORRECTED	MAX. SAMPLE DEPTH
		MO.	DAY	YEAR	HOUR	LATITUDE	LONGITUDE		
00865	PG36	01	11	1961	14	26° 37′ N	056° 30′ E	0077	01

WIND		ANEMO. HGT.	AIR PRESS.	AIR TEMPERATURE		HUMIDITY	WEATHER	CLOUD		SEA		SWELL		VIS.	WATER	
SPEED	DIR.			DRY ↓	WET ↓			TYPE	AMT.	DIR.	AMT.	DIR.	AMT.		COL.	TRANS.
08	16		19	22 8			03	2	2	16	2			7		

SUBSURFACE OBSERVATIONS

	SAMPLE DEPTH (M)	T °C ↓	S °/₀₀ ↓	σ_t ↓	$\Sigma \Delta D$ ↓	O_2 ml/l ↓	v_l ↓
STD	0000	23 64	36 60	24 98	0 000		50307
OBS	0000	23 64	36 60	24 98			50307
STD	0010	23 69					
STD	0020	23 78					
STD	0030	23 90					
OBS	0038	24 03	37 32	25 41			50386
STD	0050	24 23					
STD	0075	24 92					
OBS	0075	24 92					

Consec. Sta. No. 53 — SURFACE OBSERVATIONS

NODC REF. NO.	STATION	DATE				POSITION		SONIC DEPTH UNCORRECTED	MAX. SAMPLE DEPTH
		MO.	DAY	YEAR	HOUR	LATITUDE	LONGITUDE		
00865	PG36	01	11	1961	17	26° 37′ N	056° 30′ E	0077	01

WIND		ANEMO. HGT.	AIR PRESS.	AIR TEMPERATURE		HUMIDITY	WEATHER	CLOUD		SEA		SWELL		VIS.	WATER	
SPEED	DIR.			DRY ↓	WET ↓			TYPE	AMT.	DIR.	AMT.	DIR.	AMT.		COL.	TRANS.
08	18		20	21 7			00		0	16	1			7		

SUBSURFACE OBSERVATIONS

	SAMPLE DEPTH (M)	T °C ↓	S °/₀₀ ↓	σ_t ↓	Σ ΔD ↓	O_2 ml/l ↓	V_l ↓
STD	0000	23 66	36 61	24 98	0 000		50309
OBS	0000	23 66	36 61	24 98			50309
STD	0010	23 64	36 60	24 98	0 030		50313
OBS	0015	23 63	36 60	24 98			50315
STD	0020	23 63	36 61	24 99	0 060		50318
STD	0030	23 62	36 63	25 01	0 090		50323
OBS	0030	23 62	36 63	25 01			50323
STD	0050	24 06	37 59	25 60	0 143		50405
OBS	0050	24 06	37 59	25 60			50405
OBS	0060	24 69	39 04	26 51			50513
OBS	0065	24 85	39 19	26 58			50533
OBS	0070	24 94	39 49	26 78			50554
STD	0075	24 96	39 57	26 83	0 189		50561
OBS	0075	24 96	39 57	26 83			50561

Consec. Sta. No. 54 — SURFACE OBSERVATIONS

NODC REF. NO.	STATION	DATE				POSITION		SONIC DEPTH UNCORRECTED	MAX. SAMPLE DEPTH
		MO.	DAY	YEAR	HOUR	LATITUDE	LONGITUDE		
00865	PG36	01	11	1961	20	26° 37′ N	056° 30′ E	0077	01

WIND		ANEMO. HGT.	AIR PRESS.	AIR TEMPERATURE		HUMIDITY	WEATHER	CLOUD		SEA		SWELL		VIS.	WATER	
SPEED	DIR.			DRY ↓	WET ↓			TYPE	AMT.	DIR.	AMT.	DIR.	AMT.		COL.	TRANS.
08	17		19	21 7			02		0	16	2			7		

SUBSURFACE OBSERVATIONS

	SAMPLE DEPTH (M)	T °C ↓	S °/₀₀ ↓	σ_t ↓	Σ ΔD ↓	O_2 ml/l ↓	V_l ↓
STD	0000	23 07	36 57	25 12	0 000		50260
OBS	0000	23 07	36 57	25 12			50260
STD	0010	23 12	36 58	25 12	0 029		50270
STD	0020	23 16	36 58	25 10	0 057		50279
STD	0030	23 08	36 59	25 14	0 086		50278
OBS	0038	23 25	36 59	25 09			50296
STD	0050	23 64					
STD	0075	24 96					
OBS	0075	24 96	39 66*	26 90*			

Consec. Sta. No. 55 — SURFACE OBSERVATIONS

NODC REF. NO.	STATION	DATE				POSITION		SONIC DEPTH UNCORRECTED	MAX. SAMPLE DEPTH
		MO.	DAY	YEAR	HOUR	LATITUDE	LONGITUDE		
00865	PG36	01	11	1961	24	26° 37′ N	056° 30′ E	0077	01

WIND		ANEMO. HGT.	AIR PRESS.	AIR TEMPERATURE		HUMIDITY	WEATHER	CLOUD		SEA		SWELL		VIS.	WATER	
SPEED	DIR.			DRY ↓	WET ↓			TYPE	AMT.	DIR.	AMT.	DIR.	AMT.		COL.	TRANS.
07	16		19	21 7			03	8	3	16	2			7		

SUBSURFACE OBSERVATIONS

	SAMPLE DEPTH (M)	T °C ↓	S °/₀₀ ↓	σ_t ↓	Σ ΔD ↓	O_2 ml/l ↓	V_l ↓
STD	0000	23 32	36 68	25 13	0 000		50285
OBS	0000	23 32	36 68	25 13			50285
STD	0010	23 32	36 67	25 13	0 028		50290
OBS	0014	23 32	36 66	25 12			50291
STD	0020	23 32	36 67	25 13	0 057		50295
OBS	0029	23 32	36 68	25 13			50300
STD	0030	23 35	36 71	25 15	0 085		50304
OBS	0048	23 83	37 16	25 35			50369
STD	0050	24 13	37 78	25 73	0 137		50417
OBS	0058	24 82	39 24	26 62			50529
OBS	0063	24 85	39 34	26 69			50538
OBS	0068	24 88	39 38	26 71			50544
OBS	0073	24 86	39 72	26 97			50558

Consec. Sta. No. 56 — SURFACE OBSERVATIONS

NODC REF. NO.	STATION	DATE				POSITION		SONIC DEPTH UNCORRECTED	MAX. SAMPLE DEPTH
		MO.	DAY	YEAR	HOUR	LATITUDE	LONGITUDE		
00865	PG36	01	12	1961	02	26° 37′ N	056° 30′ E	0077	01

WIND		ANEMO. HGT.	AIR PRESS.	AIR TEMPERATURE		HUMIDITY	WEATHER	CLOUD		SEA		SWELL		VIS.	WATER	
SPEED	DIR.			DRY ↓	WET ↓			TYPE	AMT.	DIR.	AMT.	DIR.	AMT.		COL.	TRANS.
09	15		19	21 7			03	8	5	15	2			7		

SUBSURFACE OBSERVATIONS

	SAMPLE DEPTH (M)	T °C ↓	S °/₀₀ ↓	σ_t ↓	Σ ΔD ↓	O_2 ml/l ↓	V_l ↓
STD	0000	23 30	36 65	25 12	0 000		50282
OBS	0000	23 30	36 65	25 12			50282
STD	0010	23 31	36 66	25 12	0 029		50289
STD	0020	23 32	36 68	25 13	0 057		50295
STD	0030	23 32	36 69	25 14	0 086		50301
OBS	0036	23 33	36 70	25 15			50306
STD	0050		37 58				
OBS	0070		39 67				

Consec. Sta. No. 57 — SURFACE OBSERVATIONS

NODC REF. NO.	STATION	DATE				POSITION		SONIC DEPTH UNCORRECTED	MAX. SAMPLE DEPTH
		MO.	DAY	YEAR	HOUR	LATITUDE	LONGITUDE		
00865	PG36	01	12	1961	05	26° 37′ N	056° 30′ E	0077	01

WIND		ANEMO. HGT.	AIR PRESS.	AIR TEMPERATURE		HUMIDITY	WEATHER	CLOUD		SEA		SWELL		VIS.	WATER	
SPEED	DIR.			DRY ↓	WET ↓			TYPE	AMT.	DIR.	AMT.	DIR.	AMT.		COL.	TRANS.
08	14		20	22 8			03	4	8	14	3			7		

SUBSURFACE OBSERVATIONS

	SAMPLE DEPTH (M)	T °C ↓	S °/₀₀ ↓	σ_t ↓	Σ ΔD ↓	O_2 ml/l ↓	v_l ↓
STD	0000	23 33	36 61	25 08	0 000		50283
OBS	0000	23 33	36 61	25 08			50283
STD	0010	23 31	36 62	25 09	0 029		50287
OBS	0015	23 30	36 62	25 09			50289
STD	0020	23 30	36 61	25 09	0 058		50291
STD	0030	23 31	36 60	25 08	0 087		50297
OBS	0030	23 31	36 60	25 08			50297
STD	0050	23 36	36 63	25 08	0 145		50313
OBS	0050	23 36	36 63	25 08			50313
OBS	0060	23 62	36 80	25 14			50346
OBS	0065	24 20	37 56	25 54			50422
OBS	0070	24 77	38 84	26 34			50517
STD	0075	24 92	39 63	26 89	0 196		50560
OBS	0075	24 92	39 63	26 89			50560

Consec. Sta. No. 58 — SURFACE OBSERVATIONS

NODC REF. NO.	STATION	DATE				POSITION		SONIC DEPTH UNCORRECTED	MAX. SAMPLE DEPTH
		MO.	DAY	YEAR	HOUR	LATITUDE	LONGITUDE		
00865	PG44	01	12	1961	17	27° 05′ N	056° 18′ E		00

WIND		ANEMO. HGT.	AIR PRESS.	AIR TEMPERATURE		HUMIDITY	WEATHER	CLOUD		SEA		SWELL		VIS.	WATER	
SPEED	DIR.			DRY ↓	WET ↓			TYPE	AMT.	DIR.	AMT.	DIR.	AMT.		COL.	TRANS.
07	30		18	18 3			50	6	8	30	1			7		

SUBSURFACE OBSERVATIONS

	SAMPLE DEPTH (M)	T °C ↓	S °/₀₀ ↓	σ_t ↓	Σ ΔD ↓	O_2 ml/l ↓	v_l ↓
STD	0000	20 94	37 14	26 16	0 000		50103
OBS	0000	20 94	37 14	26 16			50103
OBS	0005	20 90	37 11	26 15			50102
STD	0010	20 69	37 12	26 21	0 018		50086
OBS	0010	20 69	37 12	26 21			50086
OBS	0014	20 56	37 12	26 25			50077

Consec. Sta. No. 59 — SURFACE OBSERVATIONS

NODC REF. NO.	STATION	DATE				POSITION		SONIC DEPTH UNCORRECTED	MAX. SAMPLE DEPTH
		MO.	DAY	YEAR	HOUR	LATITUDE	LONGITUDE		
00865	PG44	01	12	1961	19	27° 05′ N	056° 18′ E		00

WIND		ANEMO. HGT.	AIR PRESS.	AIR TEMPERATURE		HUMIDITY	WEATHER	CLOUD		SEA		SWELL		VIS.	WATER	
SPEED	DIR.			DRY ↓	WET ↓			TYPE	AMT.	DIR	AMT.	DIR.	AMT.		COL.	TRANS.
02	30		18	18 3			02	6	3	28	2			7		

SUBSURFACE OBSERVATIONS

	SAMPLE DEPTH (M)	T °C ↓	S °/₀₀ ↓	σ_t ↓	Σ ΔD ↓	O_2 ml/l ↓	v_l ↓
STD	0000	20 91	37 10	26 13	0 000		50099
OBS	0000	20 91	37 10	26 13			50099
OBS	0007	20 76	37 15	26 21			50092
STD	0010	20 66	37 15	26 24	0 018		50085
OBS	0014	20 50	37 12	26 26			50072

Consec. Sta. No. 60 — SURFACE OBSERVATIONS

NODC REF. NO.	STATION	DATE MO.	DAY	YEAR	HOUR	POSITION LATITUDE	LONGITUDE	SONIC DEPTH UNCORRECTED	MAX. SAMPLE DEPTH
00865	PG44	01	12	1961	22	27° 05′ N	056° 18′ E		00

WIND SPEED	DIR	ANEMO. HGT.	AIR PRESS.	AIR TEMPERATURE DRY ↓	WET ↓	HUMIDITY	WEATHER	CLOUD TYPE	AMT.	SEA DIR.	AMT.	SWELL DIR.	AMT.	VIS.	WATER COL.	TRANS.
05	04		18	18 3			02	6	3	00	0			7		

SUBSURFACE OBSERVATIONS

	SAMPLE DEPTH (M)	T °C ↓	S °/₀₀ ↓	σ_t ↓	Σ Δ D ↓	O_2 ml/l ↓	v_l ↓
STD	0000	20 44	37 11	26 27	0 000		50059
OBS	0000	20 44	37 11	26 27			50059
OBS	0005	20 78*	37 09	26 16*			
STD	0010	20 43	37 11	26 27	0 018		50063
OBS	0010	20 43	37 11	26 27			50063
OBS	0014	20 40	37 12	26 29			50063

Consec. Sta. No. 61 — SURFACE OBSERVATIONS

NODC REF. NO.	STATION	DATE MO.	DAY	YEAR	HOUR	POSITION LATITUDE	LONGITUDE	SONIC DEPTH UNCORRECTED	MAX. SAMPLE DEPTH
00865	PG44	01	13	1961	01	27° 05′ N	056° 18′ E		00

WIND SPEED	DIR.	ANEMO. HGT.	AIR PRESS.	AIR TEMPERATURE DRY ↓	WET ↓	HUMIDITY	WEATHER	CLOUD TYPE	AMT.	SEA DIR.	AMT.	SWELL DIR.	AMT.	VIS.	WATER COL.	TRANS.
07	04		17	18 3			02	6	3	04	1			7		

SUBSURFACE OBSERVATIONS

	SAMPLE DEPTH (M)	T °C ↓	S °/₀₀ ↓	σ_t ↓	Σ Δ D ↓	O_2 ml/l ↓	v_l ↓
STD	0000	20 77	37 07	26 15	0 000		50086
OBS	0000	20 77	37 07	26 15			50086
OBS	0007	20 70	37 07	26 17			50084
STD	0010	20 67	37 08	26 19	0 019		50083
OBS	0014	20 63	37 09	26 20			50082

Consec. Sta. No. 62 — SURFACE OBSERVATIONS

NODC REF. NO.	STATION	DATE MO.	DAY	YEAR	HOUR	POSITION LATITUDE	LONGITUDE	SONIC DEPTH UNCORRECTED	MAX. SAMPLE DEPTH
00865	PG44	01	13	1961	04	26° 05′ N	056° 18′ E		00

WIND SPEED	DIR.	ANEMO. HGT.	AIR PRESS.	AIR TEMPERATURE DRY ↓	WET ↓	HUMIDITY	WEATHER	CLOUD TYPE	AMT.	SEA DIR.	AMT.	SWELL DIR.	AMT.	VIS.	WATER COL.	TRANS.
08	06		18	18 9			03	6	7	06	2			7		

SUBSURFACE OBSERVATIONS

	SAMPLE DEPTH (M)	T °C ↓	S °/₀₀ ↓	σ_t ↓	Σ Δ D ↓	O_2 ml/l ↓	v_l ↓
STD	0000	21 45	37 03	25 93	0 000		50143
OBS	0000	21 45	37 03	25 93			50143
OBS	0005	21 42	37 02	25 93			50143
STD	0010	21 01	37 08	26 09	0 020		50113
OBS	0010	21 01	37 08	26 09			50113
OBS	0014	20 81	37 07	26 14			50097

Consec. Sta. No. 63 — SURFACE OBSERVATIONS

NODC REF. NO.	STATION	DATE				POSITION		SONIC DEPTH UNCORRECTED	MAX. SAMPLE DEPTH
		MO.	DAY	YEAR	HOUR	LATITUDE	LONGITUDE		
00865	PG29	01	13	1961	16	26° 34′ N	055° 48′ E	0051	00

WIND		ANEMO. HGT.	AIR PRESS.	AIR TEMPERATURE		HUMID-ITY	WEATHER	CLOUD		SEA		SWELL		VIS.	WATER	
SPEED	DIR			DRY ↓	WET ↓			TYPE	AMT.	DIR.	AMT	DIR	AMT.		COL.	TRANS.
05	03		18	17 8			50	6	8	03	1			7		

SUBSURFACE OBSERVATIONS

	SAMPLE DEPTH (M)	T °C ↓	S °/₀₀ ↓	σ_t ↓	Σ Δ D ↓	O_2 ml/l ↓	V_t ↓
STD	0000	22 45	36 99	25 62	0 000		50225
OBS	0000	22 45	36 99	25 62			50225
STD	0010	22 44	37 01	25 64	0 024		50231
OBS	0010	22 44	37 01	25 64			50231
STD	0020	22 38	37 10	25 72	0 047		50234
OBS	0020	22 38	37 10	25 72			50234
STD	0030	22 37	37 14	25 76	0 070		50241
OBS	0030	22 37	37 14	25 76			50241
OBS	0040	22 42	37 18	25 77			50252
STD	0050	22 42	37 22	25 80	0 114		50259
OBS	0050	22 42	37 22	25 80			50259

Consec. Sta. No. 64 — SURFACE OBSERVATIONS

NODC REF. NO.	STATION	DATE				POSITION		SONIC DEPTH UNCORRECTED	MAX. SAMPLE DEPTH
		MO.	DAY	YEAR	HOUR	LATITUDE	LONGITUDE		
00865	PG29	01	13	1961	20	26° 34′ N	055° 48′ E	0051	00

WIND		ANEMO. HGT.	AIR PRESS.	AIR TEMPERATURE		HUMID-ITY	WEATHER	CLOUD		SEA		SWELL		VIS.	WATER	
SPEED	DIR			DRY ↓	WET ↓			TYPE	AMT.	DIR.	AMT	DIR	AMT.		COL.	TRANS
06	09		17	18 9			80	6	6	09	1			7		

SUBSURFACE OBSERVATIONS

	SAMPLE DEPTH (M)	T °C ↓	S °/₀₀ ↓	σ_t ↓	Σ Δ D ↓	O_2 ml/l ↓	V_t ↓
STD	0000	22 39	37 02	25 66	0 000		50222
OBS	0000	22 39	37 02	25 66			50222
STD	0010	22 39	37 06	25 69	0 023		50228
STD	0020	22 40	37 10	25 72	0 046		50236
OBS	0025	22 40	37 12	25 73			50240
STD	0030	22 38	37 14	25 75	0 069		50241
STD	0050	22 24	37 21	25 85	0 113		50243
OBS	0050	22 24	37 21	25 85			50243

Consec. Sta. No. 65

SURFACE OBSERVATIONS

NODC REF. NO.	STATION	DATE				POSITION		SONIC DEPTH UNCORRECTED	MAX. SAMPLE DEPTH
		MO.	DAY	YEAR	HOUR	LATITUDE	LONGITUDE		
00865	PG29	01	13	1961	23	26° 34′ N	055° 48′ E	0051	00

WIND		ANEMO. HGT.	AIR PRESS.	AIR TEMPERATURE		HUMIDITY	WEATHER	CLOUD		SEA		SWELL		VIS.	WATER	
SPEED	DIR.			DRY ↓	WET ↓			TYPE	AMT.	DIR.	AMT.	DIR.	AMT.		COL.	TRANS.
08	01		18	17 2			50	7	8	01	1			7		

SUBSURFACE OBSERVATIONS

	SAMPLE DEPTH (M)	T °C ↓	S °/₀₀ ↓	σ_t ↓	Σ Δ D ↓	O_2 ml/l ↓	V_l ↓
STD	0000	22 38	36 99	25 64	0 000		50220
OBS	0000	22 38	36 99	25 64			50220
STD	0010	22 42	37 02	25 65	0 024		50229
OBS	0010	22 42	37 02	25 65			50229
STD	0020	22 41	37 04	25 67	0 047		50235
OBS	0020	22 41	37 04	25 67			50235
STD	0030	22 38	37 13	25 75	0 070		50241
OBS	0030	22 38	37 13	25 75			50241
OBS	0040	22 34	37 14	25 77			50243
STD	0050	22 24	37 20	25 84	0 115		50243
OBS	0050	22 24	37 20	25 84			50243

Consec. Sta. No. 66

SURFACE OBSERVATIONS

NODC REF. NO.	STATION	DATE				POSITION		SONIC DEPTH UNCORRECTED	MAX. SAMPLE DEPTH
		MO.	DAY	YEAR	HOUR	LATITUDE	LONGITUDE		
00865	PG29	01	14	1961	02	26° 34′ N	055° 48′ E	0051	00

WIND		ANEMO. HGT.	AIR PRESS.	AIR TEMPERATURE		HUMIDITY	WEATHER	CLOUD		SEA		SWELL		VIS.	WATER	
SPEED	DIR.			DRY ↓	WET ↓			TYPE	AMT.	DIR.	AMT.	DIR	AMT.		COL.	TRANS.
10	35		17	17 2			50	7	7	01	1			6		

SUBSURFACE OBSERVATIONS

	SAMPLE DEPTH (M)	T °C ↓	S °/₀₀ ↓	σ_t ↓	Σ Δ D ↓	O_2 ml/l ↓	V_l ↓
STD	0000	22 49	36 96	25 59	0 000		50228
OBS	0000	22 49	36 96	25 59			50228
STD	0010	22 49	36 96	25 59	0 024		50233
STD	0020	22 49	36 96	25 59	0 048		50238
OBS	0025	22 49	36 96	25 59			50241
STD	0030	22 45	36 99	25 62	0 072		50242
OBS	0049	22 16	37 17	25 84			50234

Consec. Sta. No. 67

SURFACE OBSERVATIONS

NODC REF. NO.	STATION	DATE				POSITION		SONIC DEPTH UNCORRECTED	MAX. SAMPLE DEPTH
		MO.	DAY	YEAR	HOUR	LATITUDE	LONGITUDE		
00865	PG29	01	14	1961	05	26° 34′ N	055° 48′ E	0051	00

WIND		ANEMO. HGT.	AIR PRESS.	AIR TEMPERATURE		HUMIDITY	WEATHER	CLOUD		SEA		SWELL		VIS.	WATER	
SPEED	DIR.			DRY ↓	WET ↓			TYPE	AMT.	DIR.	AMT.	DIR.	AMT.		COL.	TRANS.
06	04		19	17 8			01	7	6	04	1			7		

SUBSURFACE OBSERVATIONS

	SAMPLE DEPTH (M)	T °C ↓	S °/₀₀ ↓	σ_t ↓	ΣΔD ↓	O_2 ml/l ↓	V_l ↓
STD	0000	22 78	36 87	25 43	0 000		50248
OBS	0000	22 78	36 87	25 43			50248
STD	0010	22 78	36 85	25 42	0 026		50253
OBS	0010	22 78	36 85	25 42			50253
STD	0020	22 63	36 97	25 55	0 051		50250
OBS	0020	22 63	36 97	25 55			50250
STD	0030	22 47	37 00	25 62	0 075		50244
OBS	0030	22 47	37 00	25 62			50244
OBS	0040	22 23	37 13	25 79			50234
STD	0050	22 24	37 11	25 77	0 121		50239
OBS	0050	22 24	37 11	25 77			50239

Consec. Sta. No. 68

SURFACE OBSERVATIONS

NODC REF. NO.	STATION	DATE				POSITION		SONIC DEPTH UNCORRECTED	MAX. SAMPLE DEPTH
		MO.	DAY	YEAR	HOUR	LATITUDE	LONGITUDE		
00865	PG29	01	14	1961	09	26° 34′ N	055° 48′ E	0051	00

WIND		ANEMO. HGT.	AIR PRESS.	AIR TEMPERATURE		HUMIDITY	WEATHER	CLOUD		SEA		SWELL		VIS.	WATER	
SPEED	DIR.			DRY ↓	WET ↓			TYPE	AMT.	DIR.	AMT.	DIR.	AMT.		COL.	TRANS.
06	06		19	23 3			01	8	5	06	2			7		

SUBSURFACE OBSERVATIONS

	SAMPLE DEPTH (M)	T °C ↓	S °/₀₀ ↓	σ_t ↓	ΣΔD ↓	O_2 ml/l ↓	V_l ↓
STD	0000	22 83	36 82	25 38	0 000		50250
OBS	0000	22 83	36 82	25 38			50250
STD	0010	22 76	36 87	25 44	0 026		50252
STD	0020	22 66	36 93	25 51	0 051		50251
OBS	0025	22 60	36 96	25 55			50250
STD	0030	22 54	36 99	25 59	0 075		50249
STD	0050	22 22	37 15	25 81	0 122		50239
OBS	0050	22 22	37 15	25 81			50239

Consec. Sta. No. 69 — SURFACE OBSERVATIONS

NODC REF NO.	STATION	DATE MO	DAY	YEAR	HOUR	POSITION LATITUDE	LONGITUDE	SONIC DEPTH UNCORRECTED	MAX. SAMPLE DEPTH
00865	PG29	01	14	1961	11	26° 34′ N	055° 48′ E	0051	00

WIND SPEED	DIR	ANEMO. HGT.	AIR PRESS.	AIR TEMPERATURE DRY ↓	WET ↓	HUMIDITY	WEATHER	CLOUD TYPE	AMT.	SEA DIR.	AMT.	SWELL DIR.	AMT.	VIS.	WATER COL.	TRANS.
05	06		18	19 4			01	4	5	06	3			7		

SUBSURFACE OBSERVATIONS

	SAMPLE DEPTH (M)	T °C ↓	S °/₀₀ ↓	σ_t ↓	Σ Δ D ↓	O_2 ml/l ↓	V_l ↓
STD	0000	22 88	36 86	25 40	0 000		50256
OBS	0000	22 88	36 86	25 40			50256
STD	0010	22 84	36 90	25 44	0 026		50259
OBS	0010	22 84	36 90	25 44			50259
STD	0020	22 52	37 00	25 61	0 050		50242
OBS	0020	22 52	37 00	25 61			50242
STD	0030	22 37	37 04	25 68	0 074		50237
OBS	0030	22 37	37 04	25 68			50237
OBS	0040	22 25	37 18	25 82			50238
OBS	0049	22 24	37 19	25 83			50242

Consec. Sta. No. 70 — SURFACE OBSERVATIONS

NODC REF. NO.	STATION	DATE MO.	DAY	YEAR	HOUR	POSITION LATITUDE	LONGITUDE	SONIC DEPTH UNCORRECTED	MAX. SAMPLE DEPTH
00865	PG29	01	14	1961	14	26° 34′ N	055° 48′ E	0051	00

WIND SPEED	DIR.	ANEMO. HGT.	AIR PRESS.	AIR TEMPERATURE DRY ↓	WET ↓	HUMIDITY	WEATHER	CLOUD TYPE	AMT.	SEA DIR.	AMT.	SWELL DIR.	AMT.	VIS.	WATER COL.	TRANS.
04	06		19	20 0			01	8	3	07	1			7		

SUBSURFACE OBSERVATIONS

	SAMPLE DEPTH (M)	T °C ↓	S °/₀₀ ↓	σ_t ↓	Σ Δ D ↓	O_2 ml/l ↓	V_l ↓
STD	0000	22 58	36 99	25 58	0 000		50236
OBS	0000	22 58	36 99	25 58			50236
STD	0010	22 60	36 99	25 58	0 024		50243
STD	0020	22 61	37 00	25 58	0 048		50250
OBS	0023	22 62	37 00	25 58			50252
STD	0030	22 57	37 03	25 62	0 072		50253
OBS	0049	22 30	37 20	25 82			50247

Consec. Sta. No. 71 — SURFACE OBSERVATIONS

NODC REF. NO.	STATION	DATE MO.	DAY	YEAR	HOUR	POSITION LATITUDE	LONGITUDE	SONIC DEPTH UNCORRECTED	MAX. SAMPLE DEPTH
00865	PG29	01	14	1961	17	26° 34′ N	055° 48′ E	0051	00

WIND SPEED	DIR.	ANEMO. HGT.	AIR PRESS.	AIR TEMPERATURE DRY ↓	WET ↓	HUMIDITY	WEATHER	CLOUD TYPE	AMT.	SEA DIR.	AMT.	SWELL DIR.	AMT.	VIS.	WATER COL.	TRANS.
04	04		19	19 4			02	8	3	04	1			7		

SUBSURFACE OBSERVATIONS

	SAMPLE DEPTH (M)	T °C ↓	S °/₀₀ ↓	σ_t ↓	Σ Δ D ↓	O_2 ml/l ↓	V_l ↓
STD	0000	22 44	37 00	25 63	0 000		50225
OBS	0000	22 44	37 00	25 63			50225
STD	0010	22 48	37 00	25 62	0 024		50234
OBS	0010	22 48	37 00	25 62			50234
STD	0020	22 34	37 08	25 72	0 047		50230
OBS	0020	22 34	37 08	25 72			50230
STD	0030	22 26	37 18	25 82	0 070		50233
OBS	0030	22 26	37 18	25 82			50233
OBS	0040	22 25	37 18	25 82			50238
OBS	0049	22 26	37 20	25 83			50244

Consec. Sta. No. 72 — SURFACE OBSERVATIONS

NODC REF. NO.	STATION	DATE				POSITION		SONIC DEPTH UNCORRECTED	MAX. SAMPLE DEPTH
		MO.	DAY	YEAR	HOUR	LATITUDE	LONGITUDE		
00865	PG30	01	14	1961	21	26° 20′ N	055° 51′ E	0073	01

WIND		ANEMO. HGT.	AIR PRESS.	AIR TEMPERATURE		HUMIDITY	WEATHER	CLOUD		SEA		SWELL		VIS.	WATER	
SPEED	DIR.			DRY ↓	WET ↓			TYPE	AMT.	DIR.	AMT.	DIR.	AMT.		COL.	TRANS
05	05		19	21 7			03	9	8	02	2			7		

SUBSURFACE OBSERVATIONS

	SAMPLE DEPTH (M)	T °C ↓	S °/₀₀ ↓	σ_t ↓	Σ ΔD ↓	O_2 ml/l ↓	V_l ↓
STD	0000	22 96	37 39	25 78	0 000		50282
OBS	0000	22 96	37 39	25 78			50282
STD	0010	22 99	37 39	25 77	0 022		50290
OBS	0010	22 99	37 39	25 77			50290
STD	0020	22 96	37 40	25 78	0 045		50293
OBS	0020	22 96	37 40	25 78			50293
STD	0030	23 00	37 40	25 77	0 067		50302
OBS	0030	23 00	37 40	25 77			50302
STD	0050	23 30	37 71	25 92	0 111		50349
OBS	0050	23 30	37 71	25 92			50349
OBS	0070	24 12	39 92	27 35			50507

Consec. Sta. No. 73 — SURFACE OBSERVATIONS

NODC REF. NO.	STATION	DATE				POSITION		SONIC DEPTH UNCORRECTED	MAX. SAMPLE DEPTH
		MO.	DAY	YEAR	HOUR	LATITUDE	LONGITUDE		
00865	PG30	01	15	1961	00	26° 20′ N	055° 51′ E	0073	01

WIND		ANEMO. HGT.	AIR PRESS.	AIR TEMPERATURE		HUMIDITY	WEATHER	CLOUD		SEA		SWELL		VIS.	WATER	
SPEED	DIR.			DRY ↓	WET ↓			TYPE	AMT.	DIR	AMT	DIR	AMT.		COL.	TRANS.
07	02		18	21 1			03		9	02	1			7		

SUBSURFACE OBSERVATIONS

	SAMPLE DEPTH (M)	T °C ↓	S °/₀₀ ↓	σ_t ↓	Σ ΔD ↓	O_2 ml/l ↓	V_l ↓
STD	0000	22 79	37 34	25 79	0 000		50267
OBS	0000	22 79	37 34	25 79			50267
STD	0010	22 82	37 35	25 79	0 022		50275
STD	0020	22 86	37 35	25 78	0 044		50283
STD	0030	22 81	37 36	25 80	0 067		50285
OBS	0036	22 91	37 36	25 77			50296
STD	0050	23 2*	38 08	26 21	0 107		50361
OBS	0070	24 11	39 81	27 27			50502

Consec. Sta. No. 74 — SURFACE OBSERVATIONS

NODC REF. NO.	STATION	DATE				POSITION		SONIC DEPTH UNCORRECTED	MAX. SAMPLE DEPTH
		MO.	DAY	YEAR	HOUR	LATITUDE	LONGITUDE		
00865	PG30	01	15	1961	03	26° 20′ N	055° 51′ E	0073	01

WIND		ANEMO. HGT.	AIR PRESS.	AIR TEMPERATURE		HUMIDITY	WEATHER	CLOUD		SEA		SWELL		VIS.	WATER	
SPEED	DIR.			DRY ↓	WET ↓			TYPE	AMT.	DIR.	AMT.	DIR.	AMT.		COL.	TRANS.
05	04		19	19 4			50	6	7	04	2			6		

SUBSURFACE OBSERVATIONS

	SAMPLE DEPTH (M)	T °C ↓	S °/₀₀ ↓	σ_t ↓	Σ ΔD ↓	O_2 ml/l ↓	v_f ↓
STD	0000	22 58	37 23	25 77	0 000		50245
OBS	0000	22 58	37 23	25 77			50245
STD	0010	22 61	37 24	25 76	0 022		50253
OBS	0015	22 62	37 25	25 77			50257
STD	0020	22 62	37 25	25 77	0 045		50260
STD	0030	22 61	37 24	25 76	0 067		50264
OBS	0030	22 61	37 24	25 76			50264
OBS	0040	22 62	37 24	25 76			50270
STD	0050	22 86	37 38	25 80	0 112		50301
OBS	0050	22 86	37 38	25 80			50301
OBS	0060	23 98	39 25	26 89			50466
OBS	0070	24 13	39 70	27 18			50500

Conse . Sta. No. 75 — SURFACE OBSERVATIONS

NODC REF. NO.	STATION	DATE				POSITION		SONIC DEPTH UNCORRECTED	MAX. SAMPLE DEPTH
		MO.	DAY	YEAR	HOUR	LATITUDE	LONGITUDE		
00865	PG30	01	15	1961	06	26° 20′ N	055° 51′ E	0073	01

WIND		ANEMO. HGT.	AIR PRESS.	AIR TEMPERATURE		HUMIDITY	WEATHER	CLOUD		SEA		SWELL		VIS.	WATER	
SPEED	DIR.			DRY ↓	WET ↓			TYPE	AMT.	DIR.	AMT.	DIR.	AMT.		COL.	TRANS.
06	02		22	18 9			60	6	8	01	1			7		

SUBSURFACE OBSERVATIONS

	SAMPLE DEPTH (M)	T °C ↓	S °/₀₀ ↓	σ_t ↓	Σ ΔD ↓	O_2 ml/l ↓	v_f ↓
STD	0000	22 55	37 21	25 76	0 000		50242
OBS	0000	22 55	37 21	25 76			50242
STD	0010	22 56	37 21	25 76	0 022		50248
STD	0020	22 58	37 22	25 76	0 045		50256
STD	0030	22 59	37 22	25 75	0 068		50262
OBS	0036	22 60	37 22	25 75			50266
STD	0050	23 05	37 98	26 20	0 109		50339
OBS	0069	24 04	39 69	27 20			50492

Consec. Sta. No. 76

SURFACE OBSERVATIONS

NODC REF. NO.	STATION	DATE				POSITION		SONIC DEPTH UNCORRECTED	MAX. SAMPLE DEPTH
		MO.	DAY	YEAR	HOUR	LATITUDE	LONGITUDE		
00865	PG30	01	15	1961	09	26° 20′ N	055° 51′ E	0073	01

WIND		ANEMO. HGT	AIR PRESS.	AIR TEMPERATURE		HUMIDITY	WEATHER	CLOUD		SEA		SWELL		VIS.	WATER	
SPEED	DIR			DRY ↓	WET ↓			TYPE	AMT.	DIR	AMT.	DIR	AMT.		COL	TRANS.
06	03		21	21 1			02	6	8	03	1			7		

SUBSURFACE OBSERVATIONS

	SAMPLE DEPTH (M)	T °C ↓	S °/₀₀ ↓	σ_t ↓	Σ ΔD ↓	O_2 ml/l ↓	v_t ↓
STD	0000	22 60	37 22	25 75	0 000		50246
OBS	0000	22 60	37 22	25 75			50246
STD	0010	22 61	37 22	25 75	0 023		50253
OBS	0015	22 61	37 22	25 75			50255
STD	0020	22 60	37 22	25 75	0 045		50257
STD	0030	22 59	37 21	25 75	0 068		50261
OBS	0030	22 59	37 21	25 75			50261
OBS	0040	22 58	37 21	25 75			50266
STD	0050	22 57	37 21	25 75	0 113		50270
OBS	0050	22 57	37 21	25 75			50270
OBS	0060	23 06	37 88	26 12			50341
OBS	0070	23 90	39 45	27 06			50472

Consec. Sta. No. 77

SURFACE OBSERVATIONS

NODC REF. NO.	STATION	DATE				POSITION		SONIC DEPTH UNCORRECTED	MAX. SAMPLE DEPTH
		MO.	DAY	YEAR	HOUR	LATITUDE	LONGITUDE		
00865	PG30	01	15	1961	12	26° 20′ N	055° 51′ E	0073	01

WIND		ANEMO. HGT	AIR PRESS.	AIR TEMPERATURE		HUMIDITY	WEATHER	CLOUD		SEA		SWELL		VIS.	WATER	
SPEED	DIR.			DRY ↓	WET ↓			TYPE	AMT.	DIR	AMT	DIR	AMT.		COL	TRANS.
06	06		20	20 0			50	4	9	06	1			6		

SUBSURFACE OBSERVATIONS

	SAMPLE DEPTH (M)	T °C ↓	S °/₀₀ ↓	σ_t ↓	Σ ΔD ↓	O_2 ml/l ↓	v_t ↓
STD	0000	22 56	37 22	25 76	0 000		50243
OBS	0000	22 56	37 22	25 76			50243
STD	0010	22 56	37 22	25 76	0 022		50249
STD	0020	22 57	37 23	25 77	0 045		50255
OBS	0029	22 57	37 23	25 77			50260
STD	0030	22 59	37 27	25 79	0 067		50264
STD	0050	23 35	38 45	26 47	0 105		50381
OBS	0061	24 01	39 50	27 07			50478

Consec. Sta. No. 78

SURFACE OBSERVATIONS

NODC REF. NO.	STATION	DATE				POSITION		SONIC DEPTH UNCORRECTED	MAX. SAMPLE DEPTH
		MO.	DAY	YEAR	HOUR	LATITUDE	LONGITUDE		
00865	PG30	01	15	1961	15	26° 20′ N	055° 51′ E	0073	01

WIND		ANEMO. HGT.	AIR PRESS.	AIR TEMPERATURE		HUMIDITY	WEATHER	CLOUD		SEA		SWELL		VIS.	WATER	
SPEED	DIR.			DRY ↓	WET ↓			TYPE	AMT.	DIR.	AMT.	DIR.	AMT.		COL.	TRANS.
06	07		20	20 0			01	0	3	08	2			7		

SUBSURFACE OBSERVATIONS

	SAMPLE DEPTH (M)	T °C ↓	S °/₀₀ ↓	σ_t ↓	Σ Δ D ↓	O_2 ml/l ↓	v_l ↓
STD	0000	22 80	37 45	25 87	0 000		50271
OBS	0000	22 80	37 45	25 87			50271
STD	0010	22 81	37 39	25 82	0 022		50275
OBS	0019	22 82	37 36	25 79			50280
STD	0020	22 82	37 36	25 79	0 044		50280
STD	0030	22 82	37 36	25 79	0 066		50286
OBS	0033	22 82	37 36	25 79			50287
OBS	0043	22 88	37 39	25 80			50299
STD	0050	23 09	37 59	25 89	0 110		50327
OBS	0052	23 19	37 77	26 00			50343
OBS	0062	23 99	39 45	27 04			50475
OBS	0071	24 01	39 48	27 05			50483

Consec. Sta. No. 79

SURFACE OBSERVATIONS

NODC REF. NO.	STATION	DATE				POSITION		SONIC DEPTH UNCORRECTED	MAX. SAMPLE DEPTH
		MO.	DAY	YEAR	HOUR	LATITUDE	LONGITUDE		
00865	PG30	01	15	1961	18	26° 20′ N	055° 51′ E	0073	01

WIND		ANEMO. HGT.	AIR PRESS.	AIR TEMPERATURE		HUMIDITY	WEATHER	CLOUD		SEA		SWELL		VIS.	WATER	
SPEED	DIR.			DRY ↓	WET ↓			TYPE	AMT.	DIR.	AMT.	DIR.	AMT.		COL.	TRANS.
05	06		21	21 7			02	6	3	06	1			7		

SUBSURFACE OBSERVATIONS

	SAMPLE DEPTH (M)	T °C ↓	S °/₀₀ ↓	σ_t ↓	Σ Δ D ↓	O_2 ml/l ↓	v_l ↓
STD	0000	22 76	37 36	25 81	0 000		50265
OBS	0000	22 76	37 36	25 81			50265
STD	0010	22 78	37 44	25 87	0 022		50275
STD	0020	22 86	37 52	25 90	0 043		50290
STD	0030	23 00	37 48	25 83	0 065		50305
OBS	0036	23 11	37 65	25 93			50324
STD	0050	23 44	38 24	26 28	0 104		50380
OBS	0069	24 07	39 46	27 02			50485

Consec. Sta. No. 80 — SURFACE OBSERVATIONS

NODC REF. NO.	STATION	DATE				POSITION		SONIC DEPTH UNCORRECTED	MAX SAMPLE DEPTH
		MO.	DAY	YEAR	HOUR	LATITUDE	LONGITUDE		
00865	PG30	01	15	1961	21	26° 20′ N	055° 51′ E		01

WIND		ANEMO. HGT.	AIR PRESS.	AIR TEMPERATURE		HUMIDITY	WEATHER	CLOUD		SEA		SWELL		VIS.	WATER	
SPEED	DIR.			DRY ↓	WET ↓			TYPE	AMT.	DIR.	AMT.	DIR.	AMT.		COL.	TRANS.
06	03		20	20 0			02	6	3	03	1			7		

SUBSURFACE OBSERVATIONS

	SAMPLE DEPTH (M)	T °C ↓	S °/₀₀ ↓	σ_t ↓	Σ Δ D ↓	O_2 ml/l ↓	v_l ↓
STD	0000	22 53	37 25	25 79	0 000		50242
OBS	0000	22 53	37 25	25 79			50242
STD	0010	22 54	37 24	25 78	0 022		50248
STD	0020	22 54	37 24	25 78	0 044		50253
OBS	0020	22 54	37 24	25 78			50253
STD	0030	22 54	37 25	25 79	0 067		50259
OBS	0035	22 54	37 25	25 79			50261
OBS	0045	22 74	37 43	25 87			50290
STD	0050	23 49	38 58	26 52	0 104		50397
OBS	0055	23 95	39 34	26 96			50464
OBS	0065	24 02	39 70	27 22			50488
STD	0075	24 01	39 72	27 23	0 135		50494
OBS	0075	24 01	39 72	27 23			50494

Consec. Sta. No. 81 — SURFACE OBSERVATIONS

NODC REF. NO.	STATION	DATE				POSITION		SONIC DEPTH UNCORRECTED	MAX. SAMPLE DEPTH
		MO.	DAY	YEAR	HOUR	LATITUDE	LONGITUDE		
00865	PG30	01	16	1961	00	26° 20′ N	055° 51′ E	0073	01

WIND		ANEMO. HGT.	AIR PRESS.	AIR TEMPERATURE		HUMIDITY	WEATHER	CLOUD		SEA		SWELL		VIS.	WATER	
SPEED	DIR.			DRY ↓	WET ↓			TYPE	AMT.	DIR.	AMT	DIR	AMT.		COL.	TRANS.
05	01		19	20 6			00		0	01	1			7		

SUBSURFACE OBSERVATIONS

	SAMPLE DEPTH (M)	T °C ↓	S °/₀₀ ↓	σ_t ↓	Σ Δ D ↓	O_2 ml/l ↓	v_l ↓
STD	0000	22 39	37 21	25 80	0 000		50229
OBS	0000	22 39	37 21	25 80			50229
STD	0010	22 40	37 21	25 80	0 022		50235
STD	0020	22 41	37 21	25 80	0 044		50241
STD	0030	22 41	37 21	25 80	0 066		50247
OBS	0036	22 42	37 21	25 80			50251
STD	0050	22 91	37 94	26 21	0 107		50326
OBS	0070	24 06	39 70	27 20			50494

Consec. Sta. No. 82 — SURFACE OBSERVATIONS

NODC REF. NO.	STATION	DATE MO.	DAY	YEAR	HOUR	POSITION LATITUDE	LONGITUDE	SONIC DEPTH UNCORRECTED	MAX. SAMPLE DEPTH
00865	PG45	01	16	1961	06	26° 39′ N	055° 48′ E	0015	00

WIND SPEED	WIND DIR.	ANEMO. HGT.	AIR PRESS.	AIR TEMPERATURE DRY ↓	AIR TEMPERATURE WET ↓	HUMIDITY	WEATHER	CLOUD TYPE	CLOUD AMT.	SEA DIR.	SEA AMT.	SWELL DIR.	SWELL AMT.	VIS.	WATER COL.	WATER TRANS.
01	02		19	30 6			00		0	00	0			7		

SUBSURFACE OBSERVATIONS

	SAMPLE DEPTH (M)	T °C ↓	S °/₀₀ ↓	σ_t ↓	Σ ΔD ↓	O_2 ml/l ↓	v_l ↓
STD	0000	22 31	36 85	25 55	0 000		50208
OBS	0000	22 31	36 85	25 55			50208
OBS	0005	22 30	36 85	25 56			50210
STD	0010	22 05	36 86	25 64	0 024		50193
OBS	0010	22 05	36 86	25 64			50193
OBS	0015	21 97	36 92	25 70			50191

Consec. Sta. No. 83 — SURFACE OBSERVATIONS

NODC REF. NO.	STATION	DATE MO.	DAY	YEAR	HOUR	POSITION LATITUDE	LONGITUDE	SONIC DEPTH UNCORRECTED	MAX. SAMPLE DEPTH
00865	PG45	01	16	1961	09	26° 39′ N	055° 48′ E	0015	00

WIND SPEED	WIND DIR.	ANEMO. HGT.	AIR PRESS.	AIR TEMPERATURE DRY ↓	AIR TEMPERATURE WET ↓	HUMIDITY	WEATHER	CLOUD TYPE	CLOUD AMT.	SEA DIR.	SEA AMT.	SWELL DIR.	SWELL AMT.	VIS.	WATER COL.	WATER TRANS.
01	03		20	28 3			02	8	2	03	0			7		

SUBSURFACE OBSERVATIONS

	SAMPLE DEPTH (M)	T °C ↓	S °/₀₀ ↓	σ_t ↓	Σ ΔD ↓	O_2 ml/l ↓	v_l ↓
STD	0000	22 72	36 81	25 41	0 000		50241
OBS	0000	22 72	36 81	25 41			50241
OBS	0005	22 71	36 82	25 42			50243
STD	0010	22 44	36 85	25 52	0 025		50225
OBS	0010	22 44	36 85	25 52			50225
OBS	0015	22 02	36 87	25 65			50193

Consec. Sta. No. 84 — SURFACE OBSERVATIONS

NODC REF. NO.	STATION	DATE MO.	DAY	YEAR	HOUR	POSITION LATITUDE	LONGITUDE	SONIC DEPTH UNCORRECTED	MAX. SAMPLE DEPTH
00865	PG45	01	16	1961	12	26° 39′ N	055° 48′ E	0015	00

WIND SPEED	WIND DIR.	ANEMO. HGT.	AIR PRESS.	AIR TEMPERATURE DRY ↓	AIR TEMPERATURE WET ↓	HUMIDITY	WEATHER	CLOUD TYPE	CLOUD AMT.	SEA DIR.	SEA AMT	SWELL DIR	SWELL AMT.	VIS.	WATER COL.	WATER TRANS.
01	03		18	25 6			03	4	4	00	0			7		

SUBSURFACE OBSERVATIONS

	SAMPLE DEPTH (M)	T °C ↓	S °/₀₀ ↓	σ_t ↓	Σ ΔD ↓	O_2 ml/l ↓	v_l ↓
STD	0000	23 16	36 82	25 29	0 000		50277
OBS	0000	23 16	36 82	25 29			50277
OBS	0005	22 77	36 82	25 40			50248
STD	0010	22 41	36 83	25 51	0 026		50221
OBS	0010	22 41	36 87*	25 54*			
OBS	0015	22 37	36 85	25 54			50222

Consec. Sta. No. 85 — SURFACE OBSERVATIONS

NODC REF. NO.	STATION	DATE MO.	DAY	YEAR	HOUR	POSITION LATITUDE	LONGITUDE	SONIC DEPTH UNCORRECTED	MAX. SAMPLE DEPTH
00865	PG45	01	16	1961	15	26° 39′ N	055° 48′ E	0015	00

WIND SPEED	DIR.	ANEMO. HGT.	AIR PRESS.	AIR TEMPERATURE DRY ↓	WET ↓	HUMIDITY	WEATHER	CLOUD TYPE	AMT.	SEA DIR.	AMT.	SWELL DIR.	AMT.	VIS.	WATER COL.	TRANS.
01	14		18	21 7			01		6	14	0			7		

SUBSURFACE OBSERVATIONS

	SAMPLE DEPTH (M)	T °C ↓	S °/₀₀ ↓	σ_t ↓	Σ ΔD ↓	O_2 ml/l ↓	v_l ↓
STD	0000	22 85	36 85	25 40	0 000		50253
OBS	0000	22 85	36 85	25 40			50253
OBS	0005	21 81*	36 86	25 70*			
STD	0010	22 50	36 86	25 51	0 025		50230
OBS	0010	22 50	36 86	25 51			50230
OBS	0015	22 46	36 85	25 51			50229

Consec. Sta. No. 86 — SURFACE OBSERVATIONS

NODC REF. NO.	STATION	DATE MO.	DAY	YEAR	HOUR	POSITION LATITUDE	LONGITUDE	SONIC DEPTH UNCORRECTED	MAX. SAMPLE DEPTH
00865	PG45	01	16	1961	18	26° 39′ N	055° 48′ E	0015	00

WIND SPEED	DIR.	ANEMO. HGT.	AIR PRESS.	AIR TEMPERATURE DRY ↓	WET ↓	HUMIDITY	WEATHER	CLOUD TYPE	AMT.	SEA DIR.	AMT.	SWELL DIR.	AMT.	VIS.	WATER COL.	TRANS.
07	32		18	21 1			80	4	6					7		

SUBSURFACE OBSERVATIONS

	SAMPLE DEPTH (M)	T °C ↓	S °/₀₀ ↓	σ_t ↓	Σ ΔD ↓	O_2 ml/l ↓	v_l ↓
STD	0000	22 67					
OBS	0000	22 67	37 01*	25 57*			
OBS	0005	22 60	36 85	25 47			
STD	0010	22 59	36 85	25 47			
OBS	0010	22 59	36 85	25 47			
OBS	0015	22 50	36 85	25 50			

Consec. Sta. No. 87 — SURFACE OBSERVATIONS

NODC REF. NO.	STATION	DATE MO.	DAY	YEAR	HOUR	POSITION LATITUDE	LONGITUDE	SONIC DEPTH UNCORRECTED	MAX. SAMPLE DEPTH
00865	PG45	01	17	1961	01	26° 39′ N	055° 48′ E	0015	00

WIND SPEED	DIR	ANEMO. HGT.	AIR PRESS.	AIR TEMPERATURE DRY ↓	WET ↓	HUMIDITY	WEATHER	CLOUD TYPE	AMT.	SEA DIR.	AMT.	SWELL DIR	AMT.	VIS.	WATER COL.	TRANS.
06	33		17	20 0			63	4	8	33	1			7		

SUBSURFACE OBSERVATIONS

	SAMPLE DEPTH (M)	T °C ↓	S °/₀₀ ↓	σ_t ↓	Σ ΔD ↓	O_2 ml/l ↓	v_l ↓
STD	0000	22 48	36 88	25 53	0 000		50224
OBS	0000	22 48	36 88	25 53			50224
OBS	0005	22 49	36 86	25 51			50226
STD	0010	22 50	36 85	25 50	0 025		50230
OBS	0010	22 50	36 85	25 50			50230
OBS	0015	22 50	36 84	25 49			50232

Consec. Sta. No. 88

SURFACE OBSERVATIONS

NODC REF. NO.	STATION	DATE				POSITION		SONIC DEPTH UNCORRECTED	MAX. SAMPLE DEPTH
		MO.	DAY	YEAR	HOUR	LATITUDE	LONGITUDE		
00865	PG45	01	17	1961	04	26° 39′ N	055° 48′ E	0015	00

WIND		ANEMO. HGT.	AIR PRESS.	AIR TEMPERATURE		HUMIDITY	WEATHER	CLOUD		SEA		SWELL		VIS.	WATER	
SPEED	DIR.			DRY ↓	WET ↓			TYPE	AMT.	DIR.	AMT.	DIR.	AMT.		COL.	TRANS.
02	01		18	18 9			03	6	9	01	1			7		

SUBSURFACE OBSERVATIONS

	SAMPLE DEPTH (M)	T °C ↓	S °/₀₀ ↓	σ_t ↓	Σ Δ D ↓	O_2 ml/l ↓	V_l ↓
STD	0000	22 42	36 84	25 51	0 000		50217
OBS	0000	22 42	36 84	25 51			50217
OBS	0005	22 42	36 84	25 51			50220
STD	0010	22 40	36 83	25 51	0 025		50221
OBS	0010	22 40	36 83	25 51			50221
OBS	0015	22 42					

Consec. Sta. No. 89

SURFACE OBSERVATIONS

NODC REF. NO.	STATION	DATE				POSITION		SONIC DEPTH UNCORRECTED	MAX. SAMPLE DEPTH
		MO.	DAY	YEAR	HOUR	LATITUDE	LONGITUDE		
00865	PG45	01	17	1961	07	26° 39′ N	055° 48′ E	0015	00

WIND		ANEMO. HGT.	AIR PRESS.	AIR TEMPERATURE		HUMIDITY	WEATHER	CLOUD		SEA		SWELL		VIS.	WATER	
SPEED	DIR.			DRY ↓	WET ↓			TYPE	AMT.	DIR.	AMT.	DIR.	AMT		COL.	TRANS.
03	02		18	18 3			02	4	5	02	1			6		

SUBSURFACE OBSERVATIONS

	SAMPLE DEPTH (M)	T °C ↓	S °/₀₀ ↓	σ_t ↓	Σ Δ D ↓	O_2 ml/l ↓	V_l ↓
STD	0000	22 66					
OBS	0000	22 66					
OBS	0005	22 69	36 84	25 44			
STD	0010	22 68	36 84	25 44			
OBS	0010	22 68	36 84	25 44			
OBS	0015	22 46	36 84	25 50			

Consec. Sta. No. 90

SURFACE OBSERVATIONS

NODC REF. NO.	STATION	DATE				POSITION		SONIC DEPTH UNCORRECTED	MAX. SAMPLE DEPTH
		MO.	DAY	YEAR	HOUR	LATITUDE	LONGITUDE		
00865	PG32	01	17	1961	07	26° 30′ N	056° 11′ E	0084	01

WIND		ANEMO. HGT.	AIR PRESS.	AIR TEMPERATURE		HUMIDITY	WEATHER	CLOUD		SEA		SWELL		VIS.	WATER	
SPEED	DIR.			DRY ↓	WET ↓			TYPE	AMT.	DIR.	AMT.	DIR.	AMT.		COL.	TRANS.
02	24		20	21 1			01	6	2	03	1			7		

SUBSURFACE OBSERVATIONS

	SAMPLE DEPTH (M)	T °C ↓	S °/₀₀ ↓	σ_t ↓	Σ Δ D ↓	O_2 ml/l ↓	V_l ↓
STD	0000	23 35	37 29	25 59	0 000		50310
OBS	0000	23 35	37 29	25 59			50310
STD	0010	23 78	37 98	25 98	0 022		50375
OBS	0010	23 78	37 98	25 98			50375
STD	0020	23 80	38 26	26 19	0 042		50393
OBS	0020	23 80	38 26	26 19			50393
STD	0030	23 90	38 53	26 36	0 059		50416
OBS	0030	23 90	38 53	26 36			50416
OBS	0044	24 15	39 77	27 23			50490
STD	0050	24 20	40 08	27 45	0 083		50509
OBS	0064	24 25	40 56	27 80			50538
STD	0075	24 22	40 64	27 87	0 094		50545
OBS	0084	24 16	40 70	27 93			50547

Consec. Sta. No. 91 — SURFACE OBSERVATIONS

NODC REF. NO.	STATION	DATE MO.	DAY	YEAR	HOUR	POSITION LATITUDE	LONGITUDE	SONIC DEPTH UNCORRECTED	MAX. SAMPLE DEPTH
00865	PG31	01	17	1961	12	26° 05′ N	055° 55′ E	0048	00

WIND SPEED	DIR.	ANEMO. HGT.	AIR PRESS.	AIR TEMPERATURE DRY ↓	WET ↓	HUMIDITY	WEATHER	CLOUD TYPE	AMT.	SEA DIR	AMT	SWELL DIR	AMT.	VIS	WATER COL	TRANS
04	26		18	22 2			02	8	1	26	2			7		

SUBSURFACE OBSERVATIONS

	SAMPLE DEPTH (M)	T °C ↓	S °/₀₀ ↓	σ_t ↓	Σ Δ D ↓	O_2 ml/l ↓	v_l ↓
STD	0000	23 00	37 38	25 76	0 000		50285
OBS	0000	23 00	37 38	25 76			50285
OBS	0005	22 95	37 37	25 76			50283
STD	0010	23 07	37 37	25 73	0 023		50296
OBS	0015	22 78*	37 37	25 81*			
STD	0020	23 23	37 63	25 88	0 045		50324
OBS	0025	23 27	37 84	26 03			50338
STD	0030	23 26	37 93	26 10	0 065		50343
OBS	0035	23 26	38 12	26 24			50353
OBS	0045	23 44	38 78	26 69			50397

Consec. Sta. No. 92 — SURFACE OBSERVATIONS

NODC REF. NO.	STATION	DATE MO.	DAY	YEAR	HOUR	POSITION LATITUDE	LONGITUDE	SONIC DEPTH UNCORRECTED	MAX. SAMPLE DEPTH
00865	PG31	01	17	1961	15	26° 05′ N	055° 55′ E	0048	00

WIND SPEED	DIR	ANEMO. HGT.	AIR PRESS.	AIR TEMPERATURE DRY ↓	WET ↓	HUMIDITY	WEATHER	CLOUD TYPE	AMT.	SEA DIR.	AMT.	SWELL DIR.	AMT.	VIS.	WATER COL.	TRANS.
04	24		19	21 1			03		0	24	1			7		

SUBSURFACE OBSERVATIONS

	SAMPLE DEPTH (M)	T °C ↓	S °/₀₀ ↓	σ_t ↓	Σ Δ D ↓	O_2 ml/l ↓	v_l ↓
STD	0000	22 88	37 37	25 78	0 000		50275
OBS	0000	22 88	37 37	25 78			50275
STD	0010	22 95	37 45	25 83	0 022		50289
STD	0020	22 98	37 43	25 80	0 044		50296
OBS	0023	23 03	37 56	25 89			50307
STD	0030	23 19	37 98	26 16	0 064		50339
OBS	0043	23 62	39 21	26 96			50427

Consec. Sta. No. 93 — SURFACE OBSERVATIONS

NODC REF. NO	STATION	DATE MO	DAY	YEAR	HOUR	POSITION LATITUDE	LONGITUDE	SONIC DEPTH UNCORRECTED	MAX SAMPLE DEPTH
00865	PG31	01	17	1961	18	26° 05′ N	055° 55′ E	0048	00

WIND SPEED	DIR	ANEMO. HGT	AIR PRESS.	AIR TEMPERATURE DRY ↓	WET ↓	HUMID. ITY	WEATHER	CLOUD TYPE	AMT.	SEA DIR	AMT.	SWELL DIR	AMT.	VIS.	WATER COL	TRANS.
04	24		20	20 0			03	8	2	00	0			7		

SUBSURFACE OBSERVATIONS

	SAMPLE DEPTH (M)	T °C ↓	S °/₀₀ ↓	σ_t ↓	Σ Δ D ↓	O_2 ml/l ↓	v_l ↓
STD	0000	22 85	37 41	25 82	0 000		50274
OBS	0000	22 85	37 41	25 82			50274
STD	0010	22 90	37 44	25 83	0 022		50285
OBS	0010	22 90	37 44	25 83			50285
STD	0020	23 10	37 76	26 02	0 042		50318
OBS	0020	23 10	37 76	26 02			50318
STD	0030	23 24	37 94	26 11	0 062		50342
OBS	0030	23 24	37 94	26 11			50342
OBS	0045	23 67	39 34	27 05			50437

Consec. Sta. No. 94 — SURFACE OBSERVATIONS

NODC REF. NO.	STATION	DATE MO.	DAY	YEAR	HOUR	POSITION LATITUDE	LONGITUDE	SONIC DEPTH UNCORRECTED	MAX. SAMPLE DEPTH
00865	PG31	01	17	1961	21	26° 05′ N	055° 55′ E	0048	00

WIND SPEED	DIR.	ANEMO. HGT.	AIR PRESS.	AIR TEMPERATURE DRY ↓	WET ↓	HUMIDITY	WEATHER	CLOUD TYPE	AMT.	SEA DIR.	AMT.	SWELL DIR.	AMT.	VIS.	WATER COL.	TRANS.
02	28		19	19 4			02	8	2	00	0			7		

SUBSURFACE OBSERVATIONS

	SAMPLE DEPTH (M)	T °C ↓	S °/₀₀ ↓	σ_t ↓	Σ Δ D ↓	O_2 ml/l ↓	v_l ↓
STD	0000	22 74	37 37	25 83	0 000		50264
OBS	0000	22 74	37 37	25 83			50264
STD	0010	22 95	37 48	25 85	0 022		50290
STD	0020	23 15	37 75	25 99	0 043		50322
OBS	0023	23 21	37 87	26 07			50333
STD	0030	23 34	38 20	26 28	0 062		50360
OBS	0044	23 60	39 11	26 89			50422

Consec. Sta. No. 95 — SURFACE OBSERVATIONS

NODC REF. NO.	STATION	DATE MO.	DAY	YEAR	HOUR	POSITION LATITUDE	LONGITUDE	SONIC DEPTH UNCORRECTED	MAX. SAMPLE DEPTH
00865	PG31	01	18	1961	01	26° 05′ N	055° 55′ E	0048	00

WIND SPEED	DIR.	ANEMO. HGT.	AIR PRESS.	AIR TEMPERATURE DRY ↓	WET ↓	HUMIDITY	WEATHER	CLOUD TYPE	AMT.	SEA DIR.	AMT	SWELL DIR	AMT.	VIS.	WATER COL.	TRANS.
04	25		19	19 4			01	6	5	25	1			7		

SUBSURFACE OBSERVATIONS

	SAMPLE DEPTH (M)	T °C ↓	S °/₀₀ ↓	σ_t ↓	Σ Δ D ↓	O_2 ml/l ↓	v_l ↓
STD	0000	22 74	37 39	25 84	0 000		50264
OBS	0000	22 74	37 39	25 84			50264
STD	0010	22 80	37 37	25 81	0 022		50274
OBS	0010	22 80	37 37	25 81			50274
STD	0020	22 88	37 41	25 82	0 044		50287
OBS	0020	22 88	37 41	25 82			50287
STD	0030	23 28	37 93	26 09	0 065		50345
OBS	0030	23 28	37 93	26 09			50345
OBS	0045	23 50	38 88	26 75			50406

Consec. Sta. No. 96 — SURFACE OBSERVATIONS

NODC REF. NO.	STATION	DATE MO.	DAY	YEAR	HOUR	POSITION LATITUDE	LONGITUDE	SONIC DEPTH UNCORRECTED	MAX. SAMPLE DEPTH
00865	PG31	01	18	1961	03	26° 05′ N	055° 55′ E	0048	00

WIND SPEED	DIR.	ANEMO. HGT.	AIR PRESS.	AIR TEMPERATURE DRY ↓	WET ↓	HUMIDITY	WEATHER	CLOUD TYPE	AMT.	SEA DIR.	AMT.	SWELL DIR	AMT.	VIS.	WATER COL.	TRANS.
04	20		20	20 0			01	6	6	20	1			6		

SUBSURFACE OBSERVATIONS

	SAMPLE DEPTH (M)	T °C ↓	S °/₀₀ ↓	σ_t ↓	Σ Δ D ↓	O_2 ml/l ↓	v_l ↓
STD	0000	22 75	37 37	25 82	0 000		50264
OBS	0000	22 75	37 37	25 82			50264
STD	0010	22 80	37 39	25 82	0 022		50275
STD	0020	22 79	37 40	25 83	0 044		50280
OBS	0024	22 86	37 41	25 82			50288
STD	0030	23 00	37 62	25 94	0 065		50310
OBS	0045	23 55	38 47	26 42			50394

Consec. Sta. No. 97 — SURFACE OBSERVATIONS

NODC REF. NO.	STATION	DATE				POSITION		SONIC DEPTH UNCORRECTED	MAX. SAMPLE DEPTH
		MO.	DAY	YEAR	HOUR	LATITUDE	LONGITUDE		
00865	PG31	01	18	1961	06	26° 05′ N	055° 55′ E	0048	00

WIND		ANEMO. HGT.	AIR PRESS.	AIR TEMPERATURE		HUMIDITY	WEATHER	CLOUD		SEA		SWELL		VIS.	WATER	
SPEED	DIR.			DRY ↓	WET ↓			TYPE	AMT.	DIR.	AMT.	DIR.	AMT.		COL.	TRANS.
05	20		21	20 0			03	6	6	20	1			6		

SUBSURFACE OBSERVATIONS

	SAMPLE DEPTH (M)	T °C ↓	S °/₀₀ ↓	σ_t ↓	Σ Δ D ↓	O_2 ml/l ↓	v_l ↓
STD	0000	22 79					
OBS	0000	22 79	38 48*	26 65*			
STD	0010	22 76	37 36	25 81			
OBS	0010	22 76	37 36	25 81			
STD	0020	22 73	37 36	25 82			
OBS	0020	22 73	37 36	25 82			
STD	0030	23 30	37 88	26 05			
OBS	0030	23 30	37 88	26 05			
OBS	0045	23 47	38 69	26 61			

Consec. Sta. No. 98 — SURFACE OBSERVATIONS

NODC REF. NO.	STATION	DATE				POSITION		SONIC DEPTH UNCORRECTED	MAX. SAMPLE DEPTH
		MO.	DAY	YEAR	HOUR	LATITUDE	LONGITUDE		
00865	PG31	01	18	1961	09	26° 05′ N	055° 55′ E	0048	00

WIND		ANEMO. HGT.	AIR PRESS.	AIR TEMPERATURE		HUMIDITY	WEATHER	CLOUD		SEA		SWELL		VIS.	WATER	
SPEED	DIR.			DRY ↓	WET ↓			TYPE	AMT.	DIR.	AMT.	DIR.	AMT.		COL.	TRANS.
05	21		19	21 1			02	6	4	21	1			6		

SUBSURFACE OBSERVATIONS

	SAMPLE DEPTH (M)	T °C ↓	S °/₀₀ ↓	σ_t ↓	Σ Δ D ↓	O_2 ml/l ↓	v_l ↓
STD	0000	22 80	37 33	25 78	0 000		50267
OBS	0000	22 80	37 33	25 78			50267
STD	0010	22 77	37 33	25 79	0 022		50270
STD	0020	22 73	37 32	25 79	0 044		50272
OBS	0024	22 72	37 32	25 79			50273
STD	0030	22 85	37 58	25 95	0 066		50297
OBS	0044	23 40	38 59	26 56			50387

Consec. Sta. No. 99 — SURFACE OBSERVATIONS

NODC REF. NO.	STATION	DATE				POSITION		SONIC DEPTH UNCORRECTED	MAX. SAMPLE DEPTH
		MO.	DAY	YEAR	HOUR	LATITUDE	LONGITUDE		
00865	PG31	01	18	1961	12	26° 05′ N	055° 55′ E	0048	00

WIND		ANEMO. HGT.	AIR PRESS.	AIR TEMPERATURE		HUMIDITY	WEATHER	CLOUD		SEA		SWELL		VIS.	WATER	
SPEED	DIR.			DRY ↓	WET ↓			TYPE	AMT.	DIR.	AMT.	DIR.	AMT.		COL.	TRANS.
03	22		17	22 2			01	4	4	22	2			6		

SUBSURFACE OBSERVATIONS

	SAMPLE DEPTH (M)	T °C ↓	S °/₀₀ ↓	σ_t ↓	Σ Δ D ↓	O_2 ml/l ↓	v_l ↓
STD	0000	22 86	37 33	25 76	0 000		50272
OBS	0000	22 86	37 33	25 76			50272
STD	0010	22 78	37 34	25 79	0 022		50271
OBS	0010	22 78	37 34	25 79			50271
STD	0020	22 76	37 36	25 81	0 044		50276
OBS	0020	22 76	37 36	25 81			50276
STD	0030	23 38	38 52	26 51	0 063		50375
OBS	0030	23 38	38 52	26 51			50375
OBS	0045	23 56	39 14	26 93			50420

Consec. Sta. No. 100 — SURFACE OBSERVATIONS

NODC REF. NO.	STATION	DATE				POSITION		SONIC DEPTH UNCORRECTED	MAX. SAMPLE DEPTH
		MO.	DAY	YEAR	HOUR	LATITUDE	LONGITUDE		
00865	PG28	01	20	1961	06	26° 17′ N	055° 30′ E	0070	01

WIND		ANEMO. HGT.	AIR PRESS.	AIR TEMPERATURE		HUMIDITY	WEATHER	CLOUD		SEA		SWELL		VIS.	WATER	
SPEED	DIR.			DRY ↓	WET ↓			TYPE	AMT.	DIR.	AMT.	DIR.	AMT.		COL.	TRANS.
08	05		17	22 8			02	1	6	05	3			7		

SUBSURFACE OBSERVATIONS

	SAMPLE DEPTH (M)	T °C ↓	S °/₀₀ ↓	σ_t ↓	Σ Δ D ↓	O_2 ml/l ↓	V_l ↓
STD	0000	23 02	36 95	25 43	0 000		50271
OBS	0000	23 02	36 95	25 43			50271
STD	0010	23 03	36 94	25 41	0 026		50276
OBS	0010	23 03	36 94	25 41			50276
OBS	0019	23 00	36 95	25 43			50279
STD	0020	22 97	36 99	25 47	0 051		50279
OBS	0029	22 82	37 34	25 78			50285
STD	0030	22 84	37 36	25 79	0 075		50287
OBS	0048	23 23	38 24	26 34			50362
STD	0050	23 28	38 39	26 44	0 113		50373
OBS	0067	23 76	40 06	27 57			50483

Consec. Sta. No. 101 — SURFACE OBSERVATIONS

NODC REF. NO.	STATION	DATE				POSITION		SONIC DEPTH UNCORRECTED	MAX. SAMPLE DEPTH
		MO.	DAY	YEAR	HOUR	LATITUDE	LONGITUDE		
00865	PG18	01	20	1961	22	24° 50′ N	053° 28′ E	0020	00

WIND		ANEMO. HGT.	AIR PRESS.	AIR TEMPERATURE		HUMIDITY	WEATHER	CLOUD		SEA		SWELL		VIS.	WATER	
SPEED	DIR.			DRY ↓	WET ↓			TYPE	AMT.	DIR.	AMT.	DIR.	AMT.		COL.	TRANS.
02	10		13	20 6			02		0	00	0			6		

SUBSURFACE OBSERVATIONS

	SAMPLE DEPTH (M)	T °C ↓	S °/₀₀ ↓	σ_t ↓	Σ Δ D ↓	O_2 ml/l ↓	V_l ↓
STD	0000	21 62	41 60	29 37	0 000-		50333
OBS	0000	21 62	41 60	29 37			50333
OBS	0005	21 64	41 50	29 29			50333
STD	0010	21 64	41 45	29 25	0 011-		50334
OBS	0010	21 64	41 45	29 25			50334
OBS	0015	21 56	41 82	29 55			50344
STD	0020	21 53	41 90	29 62	0 023-		50348
OBS	0020	21 53	41 90	29 62			50348

Consec. Sta. No. 102

SURFACE OBSERVATIONS

NODC REF. NO.	STATION	DATE				POSITION		SONIC DEPTH UNCORRECTED	MAX. SAMPLE DEPTH
		MO.	DAY	YEAR	HOUR	LATITUDE	LONGITUDE		
00865	PG18	01	21	1961	06	24° 50′ N	053° 28′ E	0020	00

WIND		ANEMO. HGT.	AIR PRESS.	AIR TEMPERATURE		HUMIDITY	WEATHER	CLOUD		SEA		SWELL		VIS.	WATER	
SPEED	DIR.			DRY ↓	WET ↓			TYPE	AMT.	DIR.	AMT.	DIR.	AMT.		COL.	TRANS.
05	17		17	22 2			03	1	6	16	1			7		

SUBSURFACE OBSERVATIONS

	SAMPLE DEPTH (M)	T °C ↓	S °/₀₀ ↓	σ_t ↓	Σ ΔD ↓	O_2 ml/l ↓	v_i ↓
STD	0000	21 52	41 94	29 66	0 000–		50338
OBS	0000	21 52	41 94	29 66			50338
OBS	0005	21 54	41 91	29 63			50341
STD	0010	21 51	42 07	29 76	0 015–		50347
OBS	0010	21 51	42 07	29 76			50347
OBS	0015	21 49	42 09	29 78			50349
STD	0020	21 50	42 08	29 77	0 030–		50352
OBS	0020	21 50	42 08	29 77			50352

Consec. Sta. No. 103

SURFACE OBSERVATIONS

NODC REF. NO.	STATION	DATE				POSITION		SONIC DEPTH UNCORRECTED	MAX. SAMPLE DEPTH
		MO.	DAY	YEAR	HOUR	LATITUDE	LONGITUDE		
00865	PG18	01	21	1961	14	24° 50′ N	053° 28′ E	0020	00

WIND		ANEMO. HGT.	AIR PRESS.	AIR TEMPERATURE		HUMIDITY	WEATHER	CLOUD		SEA		SWELL		VIS.	WATER	
SPEED	DIR.			DRY ↓	WET ↓			TYPE	AMT.	DIR.	AMT.	DIR.	AMT.		COL.	TRANS.
03	09		12	26 7			00		0	09	1			7		

SUBSURFACE OBSERVATIONS

	SAMPLE DEPTH (M)	T °C ↓	S °/₀₀ ↓	σ_t ↓	Σ ΔD ↓	O_2 ml/l ↓	v_i ↓
STD	0000	22 01	41 54	29 21	0 000–		50363
OBS	0000	22 01	41 54	29 21			50363
OBS	0005	21 78	41 57	29 30			50348
STD	0010	21 58	41 82	29 55	0 012–		50343
OBS	0010	21 58	41 82	29 55			50343
OBS	0015	21 52	41 95	29 66			50346
STD	0020	21 53	41 97	29 68	0 026–		50350
OBS	0020	21 53	41 97	29 68			50350

Consec. Sta. No. 104

SURFACE OBSERVATIONS

NODC REF. NO.	STATION	DATE				POSITION		SONIC DEPTH UNCORRECTED	MAX. SAMPLE DEPTH
		MO.	DAY	YEAR	HOUR	LATITUDE	LONGITUDE		
00865	PG18	01	21	1961	22	24° 50′ N	053° 28′ E	0020	00

WIND		ANEMO. HGT.	AIR PRESS.	AIR TEMPERATURE		HUMIDITY	WEATHER	CLOUD		SEA		SWELL		VIS.	WATER	
SPEED	DIR			DRY ↓	WET ↓			TYPE	AMT.	DIR.	AMT.	DIR.	AMT.		COL.	TRANS.
03	12		12	22 2			02		0	12	1			7		

SUBSURFACE OBSERVATIONS

	SAMPLE DEPTH (M)	T °C ↓	S °/₀₀ ↓	σ_t ↓	Σ ΔD ↓	O_2 ml/l ↓	v_i ↓
STD	0000	21 84	41 38	29 14	0 000–		50343
OBS	0000	21 84	41 38	29 14			50343
OBS	0005	20 58*	41 36	29 48*			
STD	0010	21 70	41 52	29 28	0 010–		50342
OBS	0010	21 70	41 52	29 28			50342
OBS	0015	21 57	41 84	29 57			50346
STD	0020	21 56	41 87	29 59	0 023–		50349
OBS	0020	21 56	41 87	29 59			50349

Consec. Sta. No. 105

SURFACE OBSERVATIONS

NODC REF. NO.	STATION	DATE				POSITION		SONIC DEPTH UNCORRECTED	MAX. SAMPLE DEPTH
		MO.	DAY	YEAR	HOUR	LATITUDE	LONGITUDE		
00865	PG01	01	25	1961	11	26° 28′ N	051° 20′ E	0027	00

WIND		ANEMO. HGT.	AIR PRESS.	AIR TEMPERATURE		HUMIDITY	WEATHER	CLOUD		SEA		SWELL		VIS.	WATER	
SPEED	DIR.			DRY ↓	WET ↓			TYPE	AMT.	DIR.	AMT.	DIR.	AMT.		COL.	TRANS.
10	34		20	18 9			01	1	2	34	1			7		

SUBSURFACE OBSERVATIONS

	SAMPLE DEPTH (M)	T °C ↓	S °/₀₀ ↓	σ_t ↓	Σ ΔD ↓	O_2 ml/l ↓	V_t ↓
STD	0000	20 18	40 55	28 97	0 000-		50170
OBS	0000	20 18	40 55	28 97			50170
OBS	0005	20 19	40 55	28 96			50173
STD	0010	20 14	40 55	28 98	0 008-		50171
OBS	0015	20 10	40 55	28 99			50171
STD	0020	20 07	40 57	29 01	0 016-		50171
OBS	0025	20 04	40 60	29 04			50173

Consec. Sta. No. 106

SURFACE OBSERVATIONS

NODC REF. NO.	STATION	DATE				POSITION		SONIC DEPTH UNCORRECTED	MAX. SAMPLE DEPTH
		MO.	DAY	YEAR	HOUR	LATITUDE	LONGITUDE		
00865	PG07	01	25	1961	18	26° 52′ N	051° 48′ E	0068	01

WIND		ANEMO. HGT.	AIR PRESS.	AIR TEMPERATURE		HUMIDITY	WEATHER	CLOUD		SEA		SWELL		VIS.	WATER	
SPEED	DIR.			DRY ↓	WET ↓			TYPE	AMT.	DIR.	AMT.	DIR.	AMT.		COL.	TRANS.
10	33		19	18 9			03	3	6	34	4			7		

SUBSURFACE OBSERVATIONS

	SAMPLE DEPTH (M)	T °C ↓	S °/₀₀ ↓	σ_t ↓	Σ ΔD ↓	O_2 ml/l ↓	V_t ↓
STD	0000	21 38	39 68	27 97	0 000		50239
OBS	0000	21 38	39 68	27 97			50239
STD	0010	21 42	39 80	28 05	0 001		50252
OBS	0010	21 42	39 80	28 05			50252
STD	0020	21 42	39 94	28 16	0 001		50263
OBS	0020	21 42	39 68*	27 96*			
STD	0030	21 57	40 10	28 24	0 001		50287
OBS	0030	21 57	40 10	28 24			50287
OBS	0045	21 56	40 38	28 45			50305
STD	0050	21 57	40 39	28 46	0 003-		50309
OBS	0065	21 58	40 42	28 48			50319

Consec. Sta. No. 107 — SURFACE OBSERVATIONS

NODC REF. NO.	STATION	DATE				POSITION		SONIC DEPTH UNCORRECTED	MAX. SAMPLE DEPTH
		MO.	DAY	YEAR	HOUR	LATITUDE	LONGITUDE		
00865	PG07	01	26	1961	06	26° 52′ N	051° 48′ E	0068	01

WIND		ANEMO. HGT.	AIR PRESS.	AIR TEMPERATURE		HUMIDITY	WEATHER	CLOUD		SEA		SWELL		VIS.	WATER	
SPEED	DIR.			DRY ↓	WET ↓			TYPE	AMT.	DIR.	AMT.	DIR.	AMT.		COL.	TRANS.
02	33		20	27 2			03	1	6	33	2			7		

SUBSURFACE OBSERVATIONS

	SAMPLE DEPTH (M)	T °C ↓	S °/₀₀ ↓	σ_t ↓	Σ ΔD ↓	O_2 ml/l ↓	V_t ↓
STD	0000	21 02	39 81	28 17	0 000-		50213
OBS	0000	21 02	39 81	28 17			50213
STD	0010	21 26	39 96	28 22	0 001-		50245
OBS	0010	21 26	39 96	28 22			50245
STD	0020	21 22	40 04	28 29	0 002-		50250
OBS	0020	21 22	40 04	28 29			50250
STD	0030	21 24	40 05	28 29	0 003-		50257
OBS	0030	21 24	40 05	28 29			50257
OBS	0045	21 46	40 33	28 44			50295
STD	0050	21 50	40 39	28 48	0 008-		50303
OBS	0065	21 54	40 45	28 51			50317

Consec. Sta. No. 108 — SURFACE OBSERVATIONS

NODC REF. NO.	STATION	DATE				POSITION		SONIC DEPTH UNCORRECTED	MAX. SAMPLE DEPTH
		MO.	DAY	YEAR	HOUR	LATITUDE	LONGITUDE		
00865	PG07	01	26	1961	18	26° 52′ N	051° 48′ E	0068	01

WIND		ANEMO. HGT.	AIR PRESS.	AIR TEMPERATURE		HUMIDITY	WEATHER	CLOUD		SEA		SWELL		VIS.	WATER	
SPEED	DIR.			DRY ↓	WET ↓			TYPE	AMT.	DIR.	AMT.	DIR.	AMT.		COL.	TRANS.
01	25		17	19 4			02	5	6	25	1			7		

SUBSURFACE OBSERVATIONS

	SAMPLE DEPTH (M)	T °C ↓	S °/₀₀ ↓	σ_t ↓	Σ ΔD ↓	O_2 ml/l ↓	V_t ↓
STD	0000	21 28	39 68	28 00	0 000		50230
OBS	0000	21 28	39 68	28 00			50230
STD	0010	21 26	39 72	28 03	0 001		50235
OBS	0010	21 26	39 72	28 03			50235
STD	0020	21 24	39 92	28 19	0 001		50247
OBS	0020	21 24	39 92	28 19			50247
STD	0030	21 22	40 02	28 27	0 000		50254
OBS	0030	21 22	40 02	28 27			50254
OBS	0045	21 36	40 17	28 35			50280
STD	0050	21 40	40 23	28 38	0 003-		50288
OBS	0065	21 52	40 46	28 53			50316

Consec. Sta. No. 109 — SURFACE OBSERVATIONS

NODC REF. NO.	STATION	DATE				POSITION		SONIC DEPTH UNCORRECTED	MAX. SAMPLE DEPTH
		MO.	DAY	YEAR	HOUR	LATITUDE	LONGITUDE		
00865	PG03	01	27	1961	01	27° 16′ N	051° 56′ E	0051	00

WIND		ANEMO. HGT.	AIR PRESS.	AIR TEMPERATURE		HUMIDITY	WEATHER	CLOUD		SEA		SWELL		VIS.	WATER	
SPEED	DIR.			DRY ↓	WET ↓			TYPE	AMT.	DIR.	AMT.	DIR.	AMT.		COL.	TRANS
01	15		15	21 1			02	6	3	15	0			7		

SUBSURFACE OBSERVATIONS

	SAMPLE DEPTH (M)	T °C ↓	S °/₀₀ ↓	σ_t ↓	Σ ΔD ↓	O_2 ml/l ↓	V_l ↓
STD	0000	21 78	39 03	27 36	0 000		50247
OBS	0000	21 78	39 03	27 36			50247
STD	0010	21 82	39 05	27 37	0 007		50257
OBS	0010	21 82	39 05	27 37			50257
STD	0020	21 80	39 15	27 45	0 014		50264
OBS	0020	21 80	39 15	27 45			50264
STD	0030	21 96	39 14	27 39	0 021		50283
OBS	0030	21 96	39 14	27 39			50283
STD	0050	22 44	40 05	27 95	0 030		50368
OBS	0050	22 44	40 05	27 95			50368

Consec. Sta. No. 110 — SURFACE OBSERVATIONS

NODC REF. NO.	STATION	DATE				POSITION		SONIC DEPTH UNCORRECTED	MAX. SAMPLE DEPTH
		MO.	DAY	YEAR	HOUR	LATITUDE	LONGITUDE		
00865	PG04	01	27	1961	04	27° 36′ N	052° 17′ E	0060	01

WIND		ANEMO. HGT.	AIR PRESS.	AIR TEMPERATURE		HUMIDITY	WEATHER	CLOUD		SEA		SWELL		VIS.	WATER	
SPEED	DIR.			DRY ↓	WET ↓			TYPE	AMT.	DIR.	AMT.	DIR.	AMT.		COL.	TRANS.
01	04		16	21 1			03	6	2	00	0			7		

SUBSURFACE OBSERVATIONS

	SAMPLE DEPTH (M)	T °C ↓	S °/₀₀ ↓	σ_t ↓	Σ ΔD ↓	O_2 ml/l ↓	V_l ↓
STD	0000	21 86	39 07	27 37	0 000		50256
OBS	0000	21 86	39 07	27 37			50256
STD	0010	21 87	39 05	27 35	0 007		50261
OBS	0010	21 87	39 05	27 35			50261
STD	0020	21 89	39 06	27 35	0 015		50268
OBS	0020	21 89	39 06	27 35			50268
STD	0030	22 82	39 69	27 56	0 021		50374
OBS	0035	23 10	39 92	27 66			50408
STD	0050	23 16	40 25	27 89	0 029		50433
OBS	0050	23 16	40 25	27 89			50433
OBS	0060	22 88	40 31	28 02			50419

Consec. Sta. No. 111 — SURFACE OBSERVATIONS

NODC REF. NO.	STATION	DATE				POSITION		SONIC DEPTH UNCORRECTED	MAX. SAMPLE DEPTH
		MO.	DAY	YEAR	HOUR	LATITUDE	LONGITUDE		
00865	PG05	01	27	1961	10	27° 17′ N	052° 40′ E	0055	01

WIND		ANEMO. HGT.	AIR PRESS.	AIR TEMPERATURE		HUMIDITY	WEATHER	CLOUD		SEA		SWELL		VIS.	WATER	
SPEED	DIR.			DRY ↓	WET ↓			TYPE	AMT.	DIR.	AMT.	DIR	AMT.		COL	TRANS.
03	27		14	22 2			00		0	27	1			7		

SUBSURFACE OBSERVATIONS

	SAMPLE DEPTH (M)	T °C ↓	S °/₀₀ ↓	σ_t ↓	Σ Δ D ↓	O_2 ml/l ↓	v_l ↓
STD	0000	22 22	38 56	26 88	0 000		50266
OBS	0000	22 22	38 56	26 88			50266
STD	0010	21 81	38 57	27 00	0 011		50238
OBS	0010	21 81	38 57	27 00			50238
STD	0020	21 91	38 69	27 07	0 022		50256
OBS	0020	21 91	38 69	27 07			50256
STD	0030	23 05	40 11	27 82	0 028		50408
OBS	0030	23 05	40 11	27 82			50408
OBS	0040	23 05	40 20	27 89			50417
STD	0050	23 03	40 21	27 90	0 034		50421
OBS	0055	23 02	40 22	27 91			50424

Consec. Sta. No. 112 — SURFACE OBSERVATIONS

NODC REF. NO.	STATION	DATE				POSITION		SONIC DEPTH UNCORRECTED	MAX. SAMPLE DEPTH
		MO.	DAY	YEAR	HOUR	LATITUDE	LONGITUDE		
00865	PG05	01	27	1961	23	27° 17′ N	052° 40′ E	0055	01

WIND		ANEMO. HGT.	AIR PRESS.	AIR TEMPERATURE		HUMIDITY	WEATHER	CLOUD		SEA		SWELL		VIS	WATER	
SPEED	DIR.			DRY ↓	WET ↓			TYPE	AMT.	DIR.	AMT.	DIR	AMT.		COL	TRANS.
09	31		14	20 0			00		0	31	1			7		

SUBSURFACE OBSERVATIONS

	SAMPLE DEPTH (M)	T °C ↓	S °/₀₀ ↓	σ_t ↓	Σ Δ D ↓	O_2 ml/l ↓	v_l ↓
STD	0000	21 57	38 47	26 99	0 000		50208
OBS	0000	21 57	38 47	26 99			50208
STD	0010	21 60	38 45	26 97	0 011		50215
OBS	0010	21 60	38 45	26 97			50215
STD	0020	21 90	38 68	27 06	0 021		50255
OBS	0020	21 90	38 68	27 06			50255
STD	0030	22 88	39 76	27 60	0 029		50382
OBS	0030	22 88	39 76	27 60			50382
OBS	0040	23 06	40 18	27 87			50417
STD	0050	23 04	40 23	27 91	0 036		50423
OBS	0055	22 96	40 26	27 96			50420

Consec. Sta. No. 113 — SURFACE OBSERVATIONS

NODC REF. NO.	STATION	DATE				POSITION		SONIC DEPTH UNCORRECTED	MAX. SAMPLE DEPTH
		MO.	DAY	YEAR	HOUR	LATITUDE	LONGITUDE		
00865	PG05	01	28	1961	10	27° 17′ N	052° 40′ E	0055	00

WIND		ANEMO. HGT.	AIR PRESS.	AIR TEMPERATURE		HUMIDITY	WEATHER	CLOUD		SEA		SWELL		VIS.	WATER	
SPEED	DIR.			DRY ↓	WET ↓			TYPE	AMT.	DIR.	AMT.	DIR	AMT.		COL.	TRANS.
09	30		13	19 4			02	1	5	30	2			7		

SUBSURFACE OBSERVATIONS

	SAMPLE DEPTH (M)	T °C ↓	S °/₀₀ ↓	σ_t ↓	Σ Δ D ↓	O_2 ml/l ↓	V_t ↓
STD	0000	21 66	38 44	26 95	0 000		50215
OBS	0000	21 66	38 44	26 95			50215
STD	0010	21 67	38 45	26 95	0 011		50221
OBS	0010	21 67	38 45	26 95			50221
STD	0020	21 98	38 85	27 17	0 021		50268
OBS	0020	21 98	38 85	27 17			50268
STD	0030	22 84	39 88	27 70	0 028		50383
OBS	0030	22 84	39 88	27 70			50383
OBS	0040	23 05	40 13	27 83			50415
STD	0050	22 98	40 24	27 94	0 034		50419
OBS	0050	22 98	40 24	27 94			50419

Consec. Sta. No. 114 — SURFACE OBSERVATIONS

NODC REF. NO.	STATION	DATE				POSITION		SONIC DEPTH UNCORRECTED	MAX. SAMPLE DEPTH
		MO.	DAY	YEAR	HOUR	LATITUDE	LONGITUDE		
00865	PG06	01	29	1961	16	26° 55′ N	052° 21′ E	0077	01

WIND		ANEMO. HGT.	AIR PRESS.	AIR TEMPERATURE		HUMIDITY	WEATHER	CLOUD		SEA		SWELL		VIS.	WATER	
SPEED	DIR			DRY ↓	WET ↓			TYPE	AMT.	DIR.	AMT.	DIR.	AMT.		COL.	TRANS.
09	31		14	19 4			03	4	7	31	3			7		

SUBSURFACE OBSERVATIONS

	SAMPLE DEPTH (M)	T °C ↓	S °/₀₀ ↓	σ_t ↓	Σ Δ D ↓	O_2 ml/l ↓	V_t ↓
STD	0000	21 44	39 49	27 81	0 000		50236
OBS	0000	21 44	39 49	27 81			50236
STD	0010	21 42	39 48	27 81	0 003		50240
OBS	0010	21 42	39 48	27 81			50240
STD	0020	21 47	39 53	27 83	0 006		50251
OBS	0020	21 47	39 53	27 83			50251
STD	0030	21 90	39 96	28 04	0 008		50309
OBS	0030	21 90	39 96	28 04			50309
OBS	0039	21 96	40 01	28 06			50321
STD	0050	21 97	40 03	28 07	0 010		50328
OBS	0054	21 97	40 05	28 08			50331
OBS	0074	22 34	40 26	28 14			50381

Consec. Sta. No. 115 — SURFACE OBSERVATIONS

NODC REF. NO.	STATION	DATE				POSITION		SONIC DEPTH UNCORRECTED	MAX. SAMPLE DEPTH
		MO.	DAY	YEAR	HOUR	LATITUDE	LONGITUDE		
00865	PG11	01	30	1961	04	26° 22′ N	052° 28′ E	0066	01

WIND		ANEMO. HGT.	AIR PRESS.	AIR TEMPERATURE		HUMIDITY	WEATHER	CLOUD		SEA		SWELL		VIS.	WATER	
SPEED	DIR.			DRY ↓	WET ↓			TYPE	AMT.	DIR.	AMT.	DIR.	AMT.		COL.	TRANS.
13	33		13	18 9			03	5	6	33	2			7		

	SAMPLE DEPTH (M)	T °C ↓	S °/₀₀ ↓	σ_t ↓	Σ Δ D ↓	O_2 ml/l ↓	V_l ↓
STD	0000	21 28	39 83	28 11	0 000		50236
OBS	0000	21 28	39 83	28 11			50236
STD	0010	21 26	39 76	28 06	0 000		50237
OBS	0010	21 26	39 76	28 06			50237
STD	0020	21 29	39 76	28 06	0 001		50245
OBS	0020	21 29	39 76	28 06			50245
STD	0030	21 30	39 77	28 06	0 002		50252
OBS	0030	21 30	39 77	28 06			50252
OBS	0040	21 44	39 95	28 16			50276
STD	0050	21 46	40 10	28 27	0 001		50289
OBS	0060	21 48	40 22	28 35			50300

Consec. Sta. No. 116 — SURFACE OBSERVATIONS

NODC REF. NO.	STATION	DATE				POSITION		SONIC DEPTH UNCORRECTED	MAX. SAMPLE DEPTH
		MO.	DAY	YEAR	HOUR	LATITUDE	LONGITUDE		
00865	PG08	01	30	1961	09	26° 02′ N	051° 56′ E	0033	00

WIND		ANEMO. HGT.	AIR PRESS.	AIR TEMPERATURE		HUMIDITY	WEATHER	CLOUD		SEA		SWELL		VIS.	WATER	
SPEED	DIR.			DRY ↓	WET ↓			TYPE	AMT.	DIR.	AMT.	DIR.	AMT.		COL.	TRANS.
08	31		13	20 0			03	5	3	30	2			7		

	SAMPLE DEPTH (M)	T °C ↓	S °/₀₀ ↓	σ_t ↓	Σ Δ D ↓	O_2 ml/l ↓	V_l ↓
STD	0000	20 96	40 07	28 39	0 000-		50218
OBS	0000	20 96	40 07	28 39			50218
STD	0010	20 99	40 06	28 37	0 002-		50226
OBS	0010	20 99	40 06	28 37			50226
OBS	0019	20 72	40 25	28 59			50215
STD	0020	20 67	40 28	28 63	0 006-		50212
STD	0030	19 98	40 72	29 15	0 013-		50175
OBS	0032	19 80	40 84	29 29			50165

Consec. Sta. No. 117 — SURFACE OBSERVATIONS

NODC REF NO.	STATION	DATE				POSITION		SONIC DEPTH UNCORRECTED	MAX SAMPLE DEPTH
		MO	DAY	YEAR	HOUR	LATITUDE	LONGITUDE		
00865	PG10	01	30	1961	13	25° 44′ N	052° 28′ E	0046	00

WIND		ANEMO. HGT.	AIR PRESS.	AIR TEMPERATURE		HUMIDITY	WEATHER	CLOUD		SEA		SWELL		VIS.	WATER	
SPEED	DIR.			DRY ↓	WET ↓			TYPE	AMT.	DIR.	AMT.	DIR.	AMT.		COL.	TRANS
08	31		12	19 4			02	5	8	31	2			7		

	SAMPLE DEPTH (M)	T °C ↓	S °/₀₀ ↓	σ_t ↓	Σ Δ D ↓	O_2 ml/l ↓	V_l ↓
STD	0000	21 55	40 12	28 26	0 000-		50270
OBS	0000	21 55	40 12	28 26			50270
STD	0010	21 54	40 13	28 27	0 001-		50275
OBS	0010	21 54	40 13	28 27			50275
STD	0020	21 56	40 16	28 29	0 003-		50283
OBS	0020	21 56	40 16	28 29			50283
STD	0030	21 55	40 14	28 27	0 004-		50287
OBS	0035	21 54	40 12	28 26			50288

Consec. Sta. No. 118 — SURFACE OBSERVATIONS

NODC REF. NO.	STATION	DATE				POSITION		SONIC DEPTH UNCORRECTED	MAX. SAMPLE DEPTH
		MO.	DAY	YEAR	HOUR	LATITUDE	LONGITUDE		
00865	PG09	01	31	1961	04	25° 21′ N	052° 36′ E	0029	00

WIND		ANEMO. HGT.	AIR PRESS.	AIR TEMPERATURE		HUMIDITY	WEATHER	CLOUD		SEA		SWELL		VIS.	WATER	
SPEED	DIR.			DRY ↓	WET ↓			TYPE	AMT.	DIR.	AMT.	DIR.	AMT.		COL.	TRANS.
09	33		12	19 4			02	4	6	33	4			7		

SUBSURFACE OBSERVATIONS

	SAMPLE DEPTH (M)	T °C ↓	S °/₀₀ ↓	σ_t ↓	↓ ΣΔD	O_2 ml/l ↓	v_l ↓
STD	0000	20 98	40 38	28 62	0 000–		50232
OBS	0000	20 98	40 38	28 62			50232
STD	0010	21 00	40 37	28 60	0 005–		50239
OBS	0010	21 00	40 37	28 60			50239
STD	0020	21 00	40 36	28 60	0 009–		50244
OBS	0020	21 00	40 36	28 60			50244
STD	0030	21 00	40 37	28 60	0 013–		50249
OBS	0030	21 00	40 37	28 60			50249

Consec. Sta. No. 119 — SURFACE OBSERVATIONS

NODC REF. NO.	STATION	DATE				POSITION		SONIC DEPTH UNCORRECTED	MAX. SAMPLE DEPTH
		MO.	DAY	YEAR	HOUR	LATITUDE	LONGITUDE		
00865	PG09	01	31	1961	14	25° 21′ N	052° 36′ E	0029	00

WIND		ANEMO. HGT.	AIR PRESS.	AIR TEMPERATURE		HUMIDITY	WEATHER	CLOUD		SEA		SWELL		VIS.	WATER	
SPEED	DIR.			DRY ↓	WET ↓			TYPE	AMT.	DIR.	AMT.	DIR	AMT.		COL.	TRANS.
09	33		12	20 0			01	1	2	33	2			7		

SUBSURFACE OBSERVATIONS

	SAMPLE DEPTH (M)	T °C ↓	S °/₀₀ ↓	σ_t ↓	↓ ΣΔD	O_2 ml/l ↓	v_l ↓
STD	0000	20 90	40 39	28 65	0 000–		50225
OBS	0000	20 90	40 39	28 65			50225
OBS	0005	20 94	40 40	28 64			50232
STD	0010	20 94	40 40	28 64	0 005–		50235
OBS	0015	20 92	40 40	28 65			50236
STD	0020	20 90	40 44	28 68	0 010–		50238
OBS	0025	20 86	40 50	28 74			50240

Consec. Sta. No. 120 — SURFACE OBSERVATIONS

NODC REF. NO.	STATION	DATE				POSITION		SONIC DEPTH UNCORRECTED	MAX. SAMPLE DEPTH
		MO.	DAY	YEAR	HOUR	LATITUDE	LONGITUDE		
00865	PG25	02	02	1961	11	25° 38′ N	055° 18′ E	0033	00

WIND		ANEMO. HGT.	AIR PRESS.	AIR TEMPERATURE		HUMIDITY	WEATHER	CLOUD		SEA		SWELL		VIS.	WATER	
SPEED	DIR.			DRY ↓	WET ↓			TYPE	AMT.	DIR.	AMT.	DIR.	AMT.		COL.	TRANS.
06	16		11	16 7			63	7	8	01	2			7		

SUBSURFACE OBSERVATIONS

	SAMPLE DEPTH (M)	T °C ↓	S °/₀₀ ↓	σ_t ↓	↓ ΣΔD	O_2 ml/l ↓	v_l ↓
STD	0000	21 88	38 52	26 95	0 000		50236
OBS	0000	21 88	38 52	26 95			50236
STD	0010	21 96	38 56	26 95	0 011		50250
OBS	0010	21 96	38 56	26 95			50250
OBS	0019	22 58	40 34	28 13			50373
STD	0020	22 58	40 45	28 21	0 016		50378
OBS	0029	22 60	40 66	28 37			50393

Consec. Sta. No. 121 — SURFACE OBSERVATIONS

NODC REF. NO.	STATION	DATE				POSITION		SONIC DEPTH UNCORRECTED	MAX. SAMPLE DEPTH
		MO.	DAY	YEAR	HOUR	LATITUDE	LONGITUDE		
00865	PG26	02	03	1961	05	26° 03′ N	055° 09′ E	0082	01

WIND		ANEMO. HGT.	AIR PRESS.	AIR TEMPERATURE		HUMIDITY	WEATHER	CLOUD		SEA		SWELL		VIS	WATER	
SPEED	DIR.			DRY ↓	WET ↓			TYPE	AMT.	DIR.	AMT.	DIR	AMT.		COL.	TRANS.
08	29		13	22 2			03	4	5	29	4			7		

SUBSURFACE OBSERVATIONS

	SAMPLE DEPTH (M)	T °C ↓	S °/₀₀ ↓	σ_t ↓	Σ ΔD ↓	O_2 ml/l ↓	v_l ↓
STD	0000	22 32	37 66	26 17	0 000		50240
OBS	0000	22 32	37 66	26 17			50240
STD	0010	22 36	37 66	26 15	0 019		50249
OBS	0010	22 36	37 66	26 15			50249
STD	0020	22 36	37 67	26 16	0 037		50254
OBS	0020	22 36	37 67	26 16			50254
OBS	0029	22 60	37 97	26 32			50290
STD	0030	22 64	38 05	26 37	0 055		50297
OBS	0044	23 02	39 01	26 99			50372
STD	0050	23 14	39 27	27 15	0 081		50395
OBS	0054	23 17	39 47	27 29			50407
STD	0075	22 73	40 81	28 44	0 090		50434
OBS	0078	22 58	41 04	28 66			50432

Consec. Sta. No. 122 — SURFACE OBSERVATIONS

NODC REF. NO.	STATION	DATE				POSITION		SONIC DEPTH UNCORRECTED	MAX. SAMPLE DEPTH
		MO.	DAY	YEAR	HOUR	LATITUDE	LONGITUDE		
00865	PG27	02	03	1961	09	26° 26′ N	055° 01′ E	0015	00

WIND		ANEMO. HGT.	AIR PRESS.	AIR TEMPERATURE		HUMIDITY	WEATHER	CLOUD		SEA		SWELL		VIS.	WATER	
SPEED	DIR.			DRY ↓	WET ↓			TYPE	AMT.	DIR.	AMT.	DIR.	AMT.		COL.	TRANS.
07	27		12	20 0			01	1	5	27	1			7		

SUBSURFACE OBSERVATIONS

	SAMPLE DEPTH (M)	T °C ↓	S °/₀₀ ↓	σ_t ↓	Σ ΔD ↓	O_2 ml/l ↓	v_l ↓
STD	0000	21 58	37 22	26 04	0 000		50161
OBS	0000	21 58	37 22	26 04			50161
OBS	0005	21 57	37 20	26 03			50162
STD	0010	21 10	37 21	26 17	0 019		50125
OBS	0010	21 10	37 21	26 17			50125
OBS	0015	20 60	37 20	26 30			50084

Consec. Sta. No. 123 — SURFACE OBSERVATIONS

NODC REF. NO.	STATION	DATE				POSITION		SONIC DEPTH UNCORRECTED	MAX. SAMPLE DEPTH
		MO.	DAY	YEAR	HOUR	LATITUDE	LONGITUDE		
00865	PG22	02	06	1961	04	26° 09′ N	054° 36′ E	0088	01

WIND		ANEMO. HGT.	AIR PRESS.	AIR TEMPERATURE		HUMIDITY	WEATHER	CLOUD		SEA		SWELL		VIS.	WATER	
SPEED	DIR.			DRY ↓	WET ↓			TYPE	AMT.	DIR.	AMT.	DIR.	AMT.		COL.	TRANS
08	08		18	20 5			02	8	2	08	1			7		

SUBSURFACE OBSERVATIONS

	SAMPLE DEPTH (M)	T °C ↓	S °/₀₀ ↓	σ_t ↓	Σ ΔD ↓	O_2 ml/l ↓	V_l ↓
STD	0000	21 98	38 32	26 76	0 000		50237
OBS	0000	21 98	38 32	26 76			50237
STD	0010	22 01	38 32	26 76	0 013		50245
OBS	0010	22 01	38 32	26 76			50245
STD	0020	21 98	38 32	26 76	0 026		50248
OBS	0020	21 98	38 32	26 76			50248
STD	0030	22 04	38 39	26 80	0 039		50261
OBS	0030	22 04	38 39	26 80			50261
OBS	0045	23 04	40 33	27 99			50424
STD	0050	23 06	40 32	27 97	0 053		50428
OBS	0060	23 08	40 31	27 96			50435
STD	0075	23 08					
OBS	0085	23 08	38 39*	26 50*			

Consec. Sta. No. 124 — SURFACE OBSERVATIONS

NODC REF. NO.	STATION	DATE				POSITION		SONIC DEPTH UNCORRECTED	MAX. SAMPLE DEPTH
		MO.	DAY	YEAR	HOUR	LATITUDE	LONGITUDE		
00865	PG22	02	06	1961	14	26° 09′ N	054° 36′ E	0088	01

WIND		ANEMO. HGT.	AIR PRESS.	AIR TEMPERATURE		HUMIDITY	WEATHER	CLOUD		SEA		SWELL		VIS.	WATER	
SPEED	DIR.			DRY ↓	WET ↓			TYPE	AMT.	DIR.	AMT.	DIR	AMT.		COL.	TRANS.
07	07		17	25 6			00		0	07	1			7		

SUBSURFACE OBSERVATIONS

	SAMPLE DEPTH (M)	T °C ↓	S °/₀₀ ↓	σ_t ↓	Σ ΔD ↓	O_2 ml/l ↓	V_l ↓
STD	0000	22 04	38 17	26 63	0 000		50236
OBS	0000	22 04	38 17	26 63			50236
STD	0010	22 05	38 17	26 63	0 014		50242
OBS	0015	22 05	38 17	26 63			50245
STD	0020	22 05	38 20	26 65	0 028		50249
OBS	0025	22 05	38 22	26 67			50252
STD	0030	22 52	38 97	27 10	0 040		50322
OBS	0035	22 84	39 54	27 44			50373
OBS	0045	23 06	40 16	27 85			50419
STD	0050	23 06	40 20	27 88	0 053		50423
OBS	0060	23 06	40 26	27 93			50431
STD	0075	23 07	40 32	27 97	0 058		50442
OBS	0085	23 08	40 34	27 98			50449

Consec. Sta. No. 125 — SURFACE OBSERVATIONS

NODC REF. NO.	STATION	DATE MO.	DAY	YEAR	HOUR	POSITION LATITUDE	LONGITUDE	SONIC DEPTH UNCORRECTED	MAX. SAMPLE DEPTH
00865	PG23	02	06	1961	19	25° 41′ N	054° 43′ E		01

WIND SPEED	DIR.	ANEMO. HGT.	AIR PRESS.	AIR TEMPERATURE DRY ↓	WET ↓	HUMIDITY	WEATHER	CLOUD TYPE	AMT.	SEA DIR.	AMT.	SWELL DIR.	AMT.	VIS.	WATER COL.	TRANS.
08	06		18	25 6			00		0	07	3			7		

SUBSURFACE OBSERVATIONS

	SAMPLE DEPTH (M)	T °C ↓	S °/₀₀ ↓	σ_t ↓	Σ Δ D ↓	O_2 ml/l ↓	V_l ↓
STD	0000	21 80	39 34	27 59	0 000		50261
OBS	0000	21 80	39 34	27 59			50261
STD	0010	21 88	39 36	27 58	0 005		50274
OBS	0010	21 88	39 36	27 58			50274
STD	0020	21 98					
OBS	0020	21 98					
STD	0030	22 10					
OBS	0030	22 10					
OBS	0039	21 74					
STD	0050	21 67					
OBS	0054	21 64					

Consec. Sta. No. 126 — SURFACE OBSERVATIONS

NODC REF. NO.	STATION	DATE MO	DAY	YEAR	HOUR	POSITION LATITUDE	LONGITUDE	SONIC DEPTH UNCORRECTED	MAX. SAMPLE DEPTH
00865	PG24	02	06	1961	22	25° 17′ N	054° 57′ E	0024	00

WIND SPEED	DIR	ANEMO. HGT.	AIR PRESS.	AIR TEMPERATURE DRY ↓	WET ↓	HUMIDITY	WEATHER	CLOUD TYPE	AMT.	SEA DIR.	AMT.	SWELL DIR.	AMT.	VIS.	WATER COL.	TRANS.
06	08		18	20 6			00		0	08	3			7		

SUBSURFACE OBSERVATIONS

	SAMPLE DEPTH (M)	T °C ↓	S °/₀₀ ↓	σ_t ↓	Σ Δ D ↓	O_2 ml/l ↓	V_l ↓
STD	0000	20 84					
OBS	0000	20 84					
STD	0010	20 88					
OBS	0013	20 89					
STD	0020	20 90					
OBS	0023	20 90	41 44	29 45			

Consec. Sta. No. 127 — SURFACE OBSERVATIONS

NODC REF. NO.	STATION	DATE MO.	DAY	YEAR	HOUR	POSITION LATITUDE	LONGITUDE	SONIC DEPTH UNCORRECTED	MAX. SAMPLE DEPTH
00865	PG20	02	07	1961	05	25° 20′ N	054° 15′ E	0035	00

WIND SPEED	DIR.	ANEMO HGT.	AIR PRESS.	AIR TEMPERATURE DRY ↓	WET ↓	HUMIDITY	WEATHER	CLOUD TYPE	AMT.	SEA DIR	AMT	SWELL DIR.	AMT.	VIS.	WATER COL.	TRANS.
07	10		19	21 7			00		0	01	2			7		

SUBSURFACE OBSERVATIONS

	SAMPLE DEPTH (M)	T °C ↓	S °/₀₀ ↓	σ_t ↓	Σ Δ D ↓	O_2 ml/l ↓	V_l ↓
STD	0000	20 96	40 96	29 07	0 000-		50253
OBS	0000	20 96	40 96	29 07			50253
STD	0010	20 92	40 96	29 08	0 009-		50255
OBS	0010	20 92	40 96	29 08			50255
STD	0020	20 91	40 95	29 07	0 018-		50259
OBS	0020	20 91	40 95	29 07			50259
STD	0030	20 92	40 95	29 07	0 027-		50265
OBS	0033	20 92	40 95	29 07			50267

Consec. Sta. No. 128

SURFACE OBSERVATIONS

NODC REF. NO.	STATION	DATE				POSITION		SONIC DEPTH UNCORRECTED	MAX. SAMPLE DEPTH
		MO.	DAY	YEAR	HOUR	LATITUDE	LONGITUDE		
00865	PG20	02	07	1961	15	25° 20′ N	054° 15′ E	0035	00

WIND		ANEMO. HGT.	AIR PRESS.	AIR TEMPERATURE		HUMIDITY	WEATHER	CLOUD		SEA		SWELL		VIS.	WATER	
SPEED	DIR.			DRY ↓	WET ↓			TYPE	AMT.	DIR.	AMT.	DIR.	AMT.		COL.	TRANS.
01	13		17	25 0			00		0	00	0			7		

SUBSURFACE OBSERVATIONS

	SAMPLE DEPTH (M)	T °C ↓	S °/₀₀ ↓	σ_t ↓	Σ Δ D ↓	O_2 ml/l	V_l ↓
STD	0000	21 16	40 81	28 89	0 000-		50264
OBS	0000	21 16	40 81	28 89			50264
STD	0010	21 13	40 80	28 90	0 007-		50266
OBS	0010	21 13	40 80	28 90			50266
STD	0020	20 96	40 89	29 01	0 015-		50261
OBS	0020	20 96	40 89	29 01			50261
STD	0030	20 95	40 96	29 07	0 024-		50268
OBS	0033	20 95	40 98	29 08			50270

Consec. Sta. No. 129

SURFACE OBSERVATIONS

NODC REF. NO.	STATION	DATE				POSITION		SONIC DEPTH UNCORRECTED	MAX. SAMPLE DEPTH
		MO.	DAY	YEAR	HOUR	LATITUDE	LONGITUDE		
00865	PG20	02	08	1961	03	25° 20′ N	054° 15′ E	0035	00

WIND		ANEMO. HGT.	AIR PRESS.	AIR TEMPERATURE		HUMIDITY	WEATHER	CLOUD		SEA		SWELL		VIS.	WATER	
SPEED	DIR.			DRY ↓	WET ↓			TYPE	AMT.	DIR.	AMT.	DIR.	AMT.		COL.	TRANS.
03	12		17	21 1			02	4	6	00	0			7		

SUBSURFACE OBSERVATIONS

	SAMPLE DEPTH (M)	T °C ↓	S °/₀₀ ↓	σ_t ↓	Σ Δ D ↓	O_2 ml/l	V_l ↓
STD	0000	20 95	40 73	28 89	0 000-		50243
OBS	0000	20 95	40 73	28 89			50243
STD	0010	21 02	40 80	28 93	0 007-		50257
OBS	0010	21 02	40 80	28 93			50257
STD	0020	20 98	40 92	29 03	0 015-		50264
OBS	0020	20 98	40 92	29 03			50264
STD	0030	20 93	40 99	29 10	0 024-		50267
OBS	0033	20 92	41 00	29 11			50269

Consec. Sta. No. 130

SURFACE OBSERVATIONS

NODC REF. NO.	STATION	DATE				POSITION		SONIC DEPTH UNCORRECTED	MAX. SAMPLE DEPTH
		MO.	DAY	YEAR	HOUR	LATITUDE	LONGITUDE		
00865	PG21	02	08	1961	07	25° 50′ N	054° 10′ E	0073	01

WIND		ANEMO. HGT.	AIR PRESS.	AIR TEMPERATURE		HUMIDITY	WEATHER	CLOUD		SEA		SWELL		VIS.	WATER	
SPEED	DIR.			DRY ↓	WET ↓			TYPE	AMT.	DIR.	AMT.	DIR.	AMT.		COL.	TRANS.
01	15		20	25 0			01	4	6	07	1			7		

SUBSURFACE OBSERVATIONS

	SAMPLE DEPTH (M)	T °C ↓	S °/₀₀ ↓	σ_t ↓	Σ Δ D ↓	O_2 ml/l	V_l ↓
STD	0000	21 65	40 03	28 16	0 000-		50275
OBS	0000	21 65	40 03	28 16			50275
STD	0010	21 59	40 04	28 19	0 000-		50276
OBS	0010	21 59	40 04	28 19			50276
STD	0020	21 57	40 05	28 20	0 001-		50280
OBS	0020	21 57	40 05	28 20			50280
STD	0030	21 52	40 05	28 21	0 002-		50281
OBS	0030	21 52	40 05	28 21			50281
OBS	0045	21 45	40 09	28 26			50285
STD	0050	21 48	40 11	28 27	0 003-		50291
OBS	0060	21 50	40 17	28 31			50300
OBS	0070	21 47	40 26	28 39			50306

Consec. Sta. No. 131 — SURFACE OBSERVATIONS

NODC REF. NO.	STATION	DATE				POSITION		SONIC DEPTH UNCORRECTED	MAX. SAMPLE DEPTH
		MO.	DAY	YEAR	HOUR	LATITUDE	LONGITUDE		
00865	PG13	02	09	1961	04	26° 53′ N	053° 26′ E	0022	00

WIND		ANEMO. HGT.	AIR PRESS.	AIR TEMPERATURE		HUMIDITY	WEATHER	CLOUD		SEA		SWELL		VIS.	WATER	
SPEED	DIR.			DRY ↓	WET ↓			TYPE	AMT.	DIR.	AMT.	DIR.	AMT.		COL.	TRANS.
07	30		17	18 3			21	7	8	30	2			7		

SUBSURFACE OBSERVATIONS

	SAMPLE DEPTH (M)	T °C ↓	S °/₀₀ ↓	σ_t ↓	Σ ΔD ↓	O_2 ml/l ↓	v_l ↓
STD	0000	21 10	38 59	27 22	0 000		50173
OBS	0000	21 10	38 59	27 22			50173
OBS	0005	21 10	38 60	27 22			50176
STD	0010	21 14	38 61	27 22	0 009		50183
OBS	0010	21 14	38 61	27 22			50183
OBS	0015	21 12	38 63	27 24			50184
STD	0020	21 03	38 74	27 35	0 017		50184
OBS	0020	21 03	38 74	27 35			50184

Consec. Sta. No, 132 — SURFACE OBSERVATIONS

NODC REF. NO.	STATION	DATE				POSITION		SONIC DEPTH UNCORRECTED	MAX. SAMPLE DEPTH
		MO.	DAY	YEAR	HOUR	LATITUDE	LONGITUDE		
00865	PG13	02	10	1961	04	26° 53′ N	053° 26′ E	0022	00

WIND		ANEMO. HGT.	AIR PRESS.	AIR TEMPERATURE		HUMIDITY	WEATHER	CLOUD		SEA		SWELL		VIS.	WATER	
SPEED	DIR.			DRY ↓	WET ↓			TYPE	AMT.	DIR.	AMT.	DIR.	AMT.		COL.	TRANS.
03	12		15	20 0			00		0	12	1			7		

SUBSURFACE OBSERVATIONS

	SAMPLE DEPTH (M)	T °C ↓	S °/₀₀ ↓	σ_t ↓	Σ ΔD ↓	O_2 ml/l ↓	v_l ↓
STD	0000	20 98	38 74	27 36	0 000		50168
OBS	0000	20 98	38 74	27 36			50168
OBS	0005	20 98	38 74	27 36			50171
STD	0010	20 99	38 76	27 38	0 007		50175
OBS	0010	20 99	38 76	27 38			50175
OBS	0015	21 02	38 75	27 36			50180
STD	0020	21 00	38 76	27 37	0 014		50182
OBS	0020	21 00	38 76	27 37			50182

Consec. Sta. No. 133 — SURFACE OBSERVATIONS

NODC REF NO.	STATION	DATE				POSITION		SONIC DEPTH UNCORRECTED	MAX. SAMPLE DEPTH
		MO.	DAY	YEAR	HOUR	LATITUDE	LONGITUDE		
00865	PG13	02	11	1961	04	26° 53′ N	053° 26′ E	0022	00

WIND		ANEMO. HGT	AIR PRESS.	AIR TEMPERATURE		HUMIDITY	WEATHER	CLOUD		SEA		SWELL		VIS.	WATER	
SPEED	DIR.			DRY ↓	WET ↓			TYPE	AMT.	DIR	AMT	DIR.	AMT.		COL	TRANS.
02	35		17	17 8			02	5	4	00	0			7		

SUBSURFACE OBSERVATIONS

	SAMPLE DEPTH (M)	T °C ↓	S °/₀₀ ↓	σ_t ↓	Σ ΔD ↓	O_2 ml/l ↓	v_l ↓
STD	0000	21 14	38 74	27 32	0 000		50182
OBS	0000	21 14	38 74	27 32			50182
OBS	0005	21 14	38 75	27 33			50185
STD	0010	21 13	38 75	27 33	0 008		50187
OBS	0010	21 13	38 75	27 33			50187
OBS	0015	21 10	38 74	27 33			50187
STD	0020	21 06	38 77	27 37	0 015		50187
OBS	0020	21 06	38 77	27 37			50187

Consec. Sta. No. 134 — SURFACE OBSERVATIONS

NODC REF. NO.	STATION	DATE				POSITION		SONIC DEPTH UNCORRECTED	MAX. SAMPLE DEPTH
		MO.	DAY	YEAR	HOUR	LATITUDE	LONGITUDE		
00865	PG13	02	12	1961	04	26° 53′ N	053° 26′ E	0022	00

WIND		ANEMO. HGT.	AIR PRESS.	AIR TEMPERATURE		HUMIDITY	WEATHER	CLOUD		SEA		SWELL		VIS.	WATER	
SPEED	DIR.			DRY ↓	WET ↓			TYPE	AMT.	DIR.	AMT.	DIR.	AMT.		COL.	TRANS.
05	32		18	20 6			00		0	32	1			7		

SUBSURFACE OBSERVATIONS

	SAMPLE DEPTH (M)	T °C ↓	S °/₀₀ ↓	σ_t ↓	Σ Δ D ↓	O_2 ml/l ↓	v_t ↓
STD	0000	21 18	38 72	27 29	0 000		50185
OBS	0000	21 18	38 72	27 29			50185
OBS	0005	21 18	38 70	27 28			50187
STD	0010	21 20	38 72	27 29	0 008		50192
OBS	0010	21 20	38 72	27 29			50192
OBS	0015	21 18	38 73	27 30			50193
STD	0020	21 16	38 75	27 32	0 016		50195
OBS	0020	21 16	38 75	27 32			50195

Consec. Sta. No. 135 — SURFACE OBSERVATIONS

NODC REF. NO.	STATION	DATE				POSITION		SONIC DEPTH UNCORRECTED	MAX. SAMPLE DEPTH
		MO.	DAY	YEAR	HOUR	LATITUDE	LONGITUDE		
00865	PG12	02	12	1961	13	26° 51′ N	053° 00′ E	0080	01

WIND		ANEMO. HGT.	AIR PRESS.	AIR TEMPERATURE		HUMIDITY	WEATHER	CLOUD		SEA		SWELL		VIS.	WATER	
SPEED	DIR.			DRY ↓	WET ↓			TYPE	AMT.	DIR.	AMT.	DIR.	AMT.		COL.	TRANS.
06	30		15	23 3			02		0	30	1			7		

SUBSURFACE OBSERVATIONS

	SAMPLE DEPTH (M)	T °C ↓	S °/₀₀ ↓	σ_t ↓	Σ Δ D ↓	O_2 ml/l ↓	v_t ↓
STD	0000	21 54	38 77	27 23	0 000		50217
OBS	0000	21 54	38 77	27 23			50217
STD	0010	21 50	38 77	27 24	0 008		50219
OBS	0010	21 50	38 77	27 24			50219
STD	0020	21 35	38 77	27 28	0 017		50212
OBS	0020	21 35	38 77	27 28			50212
STD	0030	21 46	38 93	27 38	0 024		50233
OBS	0030	21 46	38 93	27 38			50233
OBS	0045	21 73	39 45	27 70			50283
STD	0050	22 17	39 71	27 77	0 035		50333
OBS	0059	22 70	40 02	27 85			50393
STD	0075	22 68	40 03	27 86	0 043		50400
OBS	0079	22 68	40 03	27 86			50402

Consec. Sta. No. 136 — SURFACE OBSERVATIONS

NODC REF. NO.	STATION	DATE				POSITION		SONIC DEPTH UNCORRECTED	MAX. SAMPLE DEPTH
		MO.	DAY	YEAR	HOUR	LATITUDE	LONGITUDE		
00865	PG14	02	16	1961	00	26° 39′ N	053° 28′ E	0086	01

WIND		ANEMO. HGT.	AIR PRESS.	AIR TEMPERATURE		HUMIDITY	WEATHER	CLOUD		SEA		SWELL		VIS.	WATER	
SPEED	DIR.			DRY ↓	WET ↓			TYPE	AMT.	DIR.	AMT.	DIR.	AMT.		COL.	TRANS.
10	32		12	21 1			00		0	32	2			7		

SUBSURFACE OBSERVATIONS

	SAMPLE DEPTH (M)	T °C ↓	S °/₀₀ ↓	σ_t ↓	ΣΔD ↓	O_2 ml/l ↓	V_l ↓
STD	0000	21 61	38 52	27 02	0 000		50214
OBS	0000	21 61	38 52	27 02			50214
OBS	0009	21 57	38 55	27 06			50216
STD	0010	21 58	38 58	27 08	0 010		50219
OBS	0018	21 64	38 76	27 20			50235
STD	0020	21 64	38 79	27 22	0 020		50237
OBS	0027	21 63	38 92	27 32			50245
STD	0030	21 57	39 09	27 47	0 027		50248
OBS	0045	21 55	38 52*	27 04*			
STD	0050	21 76	39 90	28 03	0 035		50306
OBS	0068	22 39	40 19	28 07			50379
STD	0075	22 59	40 19	28 01	0 038		50399
OBS	0077	22 64	40 18	27 99			50403

Consec. Sta. No. 137 — SURFACE OBSERVATIONS

NODC REF. NO.	STATION	DATE				POSITION		SONIC DEPTH UNCORRECTED	MAX. SAMPLE DEPTH
		MO.	DAY	YEAR	HOUR	LATITUDE	LONGITUDE		
00865	PG15	02	16	1961	04	26° 11′ N	053° 28′ E	0080	01

WIND		ANEMO. HGT.	AIR PRESS.	AIR TEMPERATURE		HUMIDITY	WEATHER	CLOUD		SEA		SWELL		VIS.	WATER	
SPEED	DIR.			DRY ↓	WET ↓			TYPE	AMT.	DIR.	AMT.	DIR.	AMT.		COL.	TRANS.
10	32		14	20 0			00		0	32	3			7		

SUBSURFACE OBSERVATIONS

	SAMPLE DEPTH (M)	T °C ↓	S °/₀₀ ↓	σ_t ↓	ΣΔD ↓	O_2 ml/l ↓	V_l ↓
STD	0000	21 82	38 79	27 17	0 000		50241
OBS	0000	21 82	38 79	27 17			50241
STD	0010	21 88	38 85	27 20	0 009		50254
OBS	0010	21 88	38 85	27 20			50254
OBS	0019	21 94	39 56	27 72			50291
STD	0020	21 95	39 58	27 73	0 015		50293
OBS	0029	22 06	39 75	27 83			50314
STD	0030	22 09	39 76	27 83	0 019		50317
OBS	0043	22 22	39 90	27 90			50340
STD	0050	21 83	39 92	28 03	0 023		50313
OBS	0068	21 26	39 98	28 23			50277
STD	0075	21 20	40 00	28 26	0 023		50276
OBS	0077	21 20	40 01	28 27			50278

Consec. Sta. No. 138 — SURFACE OBSERVATIONS

NODC REF. NO.	STATION	DATE				POSITION		SONIC DEPTH UNCORRECTED	MAX. SAMPLE DEPTH
		MO.	DAY	YEAR	HOUR	LATITUDE	LONGITUDE		
00865	PG16	02	16	1961	07	25° 49′ N	053° 25′ E	0062	01

WIND		ANEMO. HGT.	AIR PRESS.	AIR TEMPERATURE		HUMIDITY	WEATHER	CLOUD		SEA		SWELL		VIS.	WATER	
SPEED	DIR.			DRY ↓	WET ↓			TYPE	AMT.	DIR.	AMT	DIR.	AMT.		COL.	TRANS.
09	31		16	22 8			00		0	31	3			7		

SUBSURFACE OBSERVATIONS

	SAMPLE DEPTH (M)	T °C ↓	S °/₀₀ ↓	σ_t ↓	Σ ΔD ↓	O_2 ml/l ↓	v_l ↓
STD	0000	21 70	39 70	27 89	0 000		50266
OBS	0000	21 70	39 70	27 89			50266
STD	0010	21 66	39 70	27 91	0 002		50268
OBS	0010	21 66	39 70	27 91			50268
STD	0020	21 66	39 70	27 91	0 004		50274
OBS	0020	21 66	39 70	27 91			50274
STD	0030	21 62	39 72	27 93	0 006		50277
OBS	0030	21 62	39 72	27 93			50277
OBS	0040	21 32	39 95	28 19			50266
STD	0050	21 06	40 09	28 37	0 006		50254
OBS	0050	21 06	40 09	28 37			50254
OBS	0060	21 04	40 10	28 39			50258

Consec. Sta. No. 139 — SURFACE OBSERVATIONS

NODC REF. NO.	STATION	DATE				POSITION		SONIC DEPTH UNCORRECTED	MAX. SAMPLE DEPTH
		MO.	DAY	YEAR	HOUR	LATITUDE	LONGITUDE		
00865	PG17	02	16	1961	18	25° 19′ N	053° 25′ E	0037	00

WIND		ANEMO. HGT.	AIR PRESS.	AIR TEMPERATURE		HUMIDITY	WEATHER	CLOUD		SEA		SWELL		VIS.	WATER	
SPEED	DIR.			DRY ↓	WET ↓			TYPE	AMT.	DIR.	AMT	DIR.	AMT.		COL.	TRANS.
04	31		14	19 4			00		0	31	1			7		

SUBSURFACE OBSERVATIONS

	SAMPLE DEPTH (M)	T °C ↓	S °/₀₀ ↓	σ_t ↓	Σ ΔD ↓	O_2 ml/l ↓	v_l ↓
STD	0000	20 88	40 42	28 67	0 000-		50225
OBS	0000	20 88	40 42	28 67			50225
OBS	0005	20 88	40 42	28 67			50228
STD	0010	20 90	40 42	28 67	0 005-		50232
OBS	0015	20 91	40 42	28 67			50235
STD	0020	20 89	40 45	28 69	0 010-		50238
OBS	0025	20 87	40 46	28 71			50239
STD	0030	20 86	40 46	28 71	0 016-		50241
OBS	0035	20 86	40 46	28 71			50244

Consec. Sta. No. 140

SURFACE OBSERVATIONS

NODC REF. NO.	STATION	DATE				POSITION		SONIC DEPTH UNCORRECTED	MAX. SAMPLE DEPTH
		MO.	DAY	YEAR	HOUR	LATITUDE	LONGITUDE		
00865	PG18	02	16	1961	20	25° 07′ N	053° 27′ E	0026	00

WIND		ANEMO. HGT.	AIR PRESS.	AIR TEMPERATURE		HUMIDITY	WEATHER	CLOUD		SEA		SWELL		VIS.	WATER	
SPEED	DIR.			DRY ↓	WET ↓			TYPE	AMT.	DIR.	AMT.	DIR.	AMT.		COL.	TRANS
04	30		15	19 4			00		0	30	1			7		

SUBSURFACE OBSERVATIONS

	SAMPLE DEPTH (M)	T °C ↓	S °/₀₀ ↓	σ_t ↓	Σ ΔD ↓	O_2 ml/l ↓	v_l ↓
STD	0000	20 74					
OBS	0000	20 74	37 33*	26 36*			
OBS	0009	20 76	40 57	28 82			
STD	0010	20 69	40 67	28 92			
OBS	0014	20 53	40 93	29 16			
OBS	0019	20 54	40 96	29 18			
STD	0020	20 54	40 96	29 18			
OBS	0023	20 52	40 96	29 19			

Consec. Sta. No. 141

SURFACE OBSERVATIONS

NODC REF. NO.	STATION	DATE				POSITION		SONIC DEPTH UNCORRECTED	MAX. SAMPLE DEPTH
		MO.	DAY	YEAR	HOUR	LATITUDE	LONGITUDE		
00865	PG46	02	18	1961	09	26° 54′ N	056° 24′ E	0030	00

WIND		ANEMO. HGT.	AIR PRESS.	AIR TEMPERATURE		HUMIDITY	WEATHER	CLOUD		SEA		SWELL		VIS.	WATER	
SPEED	DIR.			DRY ↓	WET ↓			TYPE	AMT.	DIR.	AMT.	DIR.	AMT.		COL.	TRANS.
03	27		13	24 4			00		0	27	1			7		

SUBSURFACE OBSERVATIONS

	SAMPLE DEPTH (M)	T °C ↓	S °/₀₀ ↓	σ_t ↓	Σ ΔD ↓	O_2 ml/l ↓	v_l ↓
STD	0000	21 76	36 73	25 62	0 000		50158
OBS	0000	21 76	36 73	25 62			50158
STD	0010	21 56	36 72	25 67	0 024		50146
OBS	0010	21 56	36 72	25 67			50146
STD	0020	21 54	36 73	25 68	0 047		50150
OBS	0020	21 54	36 73	25 68			50150
STD	0030	21 54	36 73	25 68	0 070		50155
OBS	0030	21 54	36 73	25 68			50155

Consec. Sta. No. 142

SURFACE OBSERVATIONS

NODC REF. NO.	STATION	DATE				POSITION		SONIC DEPTH UNCORRECTED	MAX. SAMPLE DEPTH
		MO.	DAY	YEAR	HOUR	LATITUDE	LONGITUDE		
00865	PG35	02	19	1961	06	26° 47′ N	056° 33′ E	0057	01

WIND		ANEMO. HGT.	AIR PRESS.	AIR TEMPERATURE		HUMIDITY	WEATHER	CLOUD		SEA		SWELL		VIS.	WATER	
SPEED	DIR.			DRY ↓	WET ↓			TYPE	AMT.	DIR.	AMT.	DIR.	AMT.		COL.	TRANS.
05	29		17	24 5			00		0	29	1			7		

SUBSURFACE OBSERVATIONS

	SAMPLE DEPTH (M)	T °C ↓	S °/₀₀ ↓	σ_t ↓	Σ ΔD ↓	O_2 ml/l ↓	v_l ↓
STD	0000	21 70	36 81	25 70	0 000		50156
OBS	0000	21 70	36 81	25 70			50156
STD	0010	21 68	36 76	25 66	0 023		50158
OBS	0010	21 68	36 76	25 66			50158
STD	0020	21 70	36 76	25 66	0 047		50165
OBS	0020	21 70	36 76	25 66			50165
STD	0030	21 70	36 75	25 65	0 070		50170
OBS	0040	21 70	36 75	25 65			50175
OBS	0045	21 67	36 76	25 67			50176
STD	0050	21 64	36 78	25 69	0 117		50177
OBS	0055	21 62	36 81	25 72			50179

Consec. Sta. No. 143

SURFACE OBSERVATIONS

NODC REF. NO.	STATION	DATE				POSITION		SONIC DEPTH UNCORRECTED	MAX. SAMPLE DEPTH
		MO.	DAY	YEAR	HOUR	LATITUDE	LONGITUDE		
00865	PG35	02	20	1961	06	26° 47′ N	056° 33′ E	0057	01

WIND		ANEMO. HGT.	AIR PRESS.	AIR TEMPERATURE		HUMIDITY	WEATHER	CLOUD		SEA		SWELL		VIS.	WATER	
SPEED	DIR.			DRY ↓	WET ↓			TYPE	AMT.	DIR.	AMT.	DIR.	AMT.		COL.	TRANS.
01	34		16	25 6			00		0	00	0			7		

SUBSURFACE OBSERVATIONS

	SAMPLE DEPTH (M)	T °C ↓	S °/₀₀ ↓	σ_t ↓	Σ ΔD ↓	O_2 ml/l ↓	v_t ↓
STD	0000	22 28	36 74	25 48	0 000		50202
OBS	0000	22 28	36 74	25 48			50202
STD	0010	22 14	36 73	25 51	0 025		50195
OBS	0010	22 14	36 73	25 51			50195
STD	0020	22 12	36 74	25 52	0 050		50199
OBS	0020	22 12	36 74	25 52			50199
STD	0030	21 79	36 75	25 62	0 074		50177
OBS	0030	21 79	36 75	25 62			50177
OBS	0045	21 68	36 75	25 66			50176
STD	0050	21 66	36 76	25 67	0 121		50177
OBS	0055	21 66	36 78	25 68			50181

Consec. Sta. No. 144

SURFACE OBSERVATIONS

NODC REF. NO.	STATION	DATE				POSITION		SONIC DEPTH UNCORRECTED	MAX. SAMPLE DEPTH
		MO.	DAY	YEAR	HOUR	LATITUDE	LONGITUDE		
00865	PG35	02	20	1961	18	26° 47′ N	056° 33′ E	0057	01

WIND		ANEMO. HGT.	AIR PRESS.	AIR TEMPERATURE		HUMIDITY	WEATHER	CLOUD		SEA		SWELL		VIS.	WATER	
SPEED	DIR.			DRY ↓	WET ↓			TYPE	AMT.	DIR.	AMT.	DIR.	AMT.		COL.	TRANS.
09	26		13	22 2			02	8	2	26	3			7		

SUBSURFACE OBSERVATIONS

	SAMPLE DEPTH (M)	T °C ↓	S °/₀₀ ↓	σ_t ↓	Σ ΔD ↓	O_2 ml/l ↓	v_t ↓
STD	0000	22 32	36 76	25 48	0 000		50206
OBS	0000	22 32	36 76	25 48			50206
STD	0010	22 24	36 76	25 51	0 025		50205
OBS	0010	22 24	36 76	25 51			50205
STD	0020	22 08	36 75	25 54	0 050		50196
OBS	0020	22 08					
STD	0030	21 84	36 74	25 60	0 074		50181
OBS	0030	21 84	36 74	25 60			50181
OBS	0045	21 70	36 74	25 64			50177
STD	0050	21 66	36 76	25 67	0 122		50177
OBS	0055	21 63	36 78	25 69			50178

Consec. Sta. No. 145 — SURFACE OBSERVATIONS

NODC REF. NO.	STATION	DATE				POSITION		SONIC DEPTH UNCORRECTED	MAX. SAMPLE DEPTH
		MO.	DAY	YEAR	HOUR	LATITUDE	LONGITUDE		
00865	AS36	02	24	1961	12	21° 30′ N	066° 21′ E	2212	19

WIND		ANEMO. HGT.	AIR PRESS.	AIR TEMPERATURE		HUMIDITY	WEATHER	CLOUD		SEA		SWELL		VIS.	WATER	
SPEED	DIR.			DRY ▼	WET ▼			TYPE	AMT.	DIR.	AMT.	DIR.	AMT.		COL.	TRANS.
08	03		12	25 0			00		0	03	3			7		

SUBSURFACE OBSERVATIONS

	SAMPLE DEPTH (M)	T °C ▼	S °/₀₀ ▼	σ_t ▼	$\Sigma \Delta D$ ▼	O_2 ml/l ▼	V_t ▼
STD	0000	24 31	36 20	24 48	0 000		50346
OBS	0000	24 31	36 20	24 48			50346
STD	0010	24 31	36 21	24 48	0 035		50351
OBS	0012	24 30	36 22	24 49			50352
STD	0020	24 19	36 27	24 57	0 069		50349
OBS	0024	24 12	36 29	24 60			50347
STD	0030	23 94	36 29	24 66	0 102		50336
OBS	0040	23 68	36 28	24 72			50320
STD	0050	23 43	36 26	24 78	0 167		50305
OBS	0060	23 28	36 24	24 81			50297
STD	0075	23 32	36 39	24 91	0 246		50314
OBS	0081	23 33	36 42	24 93			50319
STD	0100	23 04	36 37	24 98	0 322		50304
OBS	0101	23 01	36 36	24 98			50302
OBS	0122	22 00	36 10	25 07			50220
STD	0150	19 43	35 78	25 52	0 461		49998
OBS	0162	18 64	35 71	25 67			49929
STD	0200	17 38	35 78	26 04	0 575		49832
OBS	0202	17 32	35 78	26 05			49827
OBS	0245	16 07	35 89	26 43			49731
STD	0250	16 05	35 89	26 44	0 668		49732
STD	0300	15 66	35 91	26 54	0 750		49720
OBS	0340	15 08	35 92	26 68			49683
OBS	0395	13 90	36 92*	27 71*			
STD	0400	13 83	35 84	26 89	0 894		49580
STD	0500	12 50	35 72	27 07	1 015		49484
OBS	0529	12 16	35 69	27 11			49460
STD	0600	11 46	35 65	27 21	1 122		49417
OBS	0668	10 84					
STD	0800	10 01	35 54	27 39	1 311		49352
STD	1000	08 71	35 41	27 51	1 477		49298
OBS	1125	07 88	35 33	27 57			49259
STD	1200	07 30	35 27	27 61	1 624		49224
STD	1500	05 26	35 06	27 71	1 814		49116
OBS	1532	05 07	35 04	27 72			49106
OBS	1908	03 25	34 83	27 75			49056

Consec. Sta. No. 146 — SURFACE OBSERVATIONS

NODC REF. NO.	STATION	DATE				POSITION		SONIC DEPTH UNCORRECTED	MAX. SAMPLE DEPTH
		MO.	DAY	YEAR	HOUR	LATITUDE	LONGITUDE		
00865	AS53	02	25	1961	05	20° 30′ N	068° 32′ E	2889	28

WIND		ANEMO. HGT.	AIR PRESS.	AIR TEMPERATURE		HUMIDITY	WEATHER	CLOUD		SEA		SWELL		VIS.	WATER	
SPEED	DIR.			DRY ↓	WET ↓			TYPE	AMT.	DIR.	AMT.	DIR.	AMT.		COL.	TRANS
07	06		14	25 0			00		0	06	4			7		

SUBSURFACE OBSERVATIONS

	SAMPLE DEPTH (M)	T °C ↓	S °/₀₀ ↓	σ_t ↓	$\Sigma \Delta D$ ↓	O_2 ml/l ↓	V_l ↓
STD	0000	25 12	35 91	24 01	0 000		50398
OBS	0000	25 12	35 91	24 01			50398
STD	0010	25 12	35 90	24 01	0 039		50403
OBS	0015		35 90				
STD	0020	25 04	35 93	24 05	0 078		50403
STD	0030	24 86	35 96	24 13	0 117		50396
OBS	0030	24 86	35 96	24 13			50396
STD	0050	24 24	35 96	24 32	0 191		50358
OBS	0050	24 24	35 96	24 32			50358
STD	0075	23 88	35 92	24 39	0 281		50342
OBS	0075	23 88	35 92	24 39			50342
STD	0100	21 91	35 62	24 73	0 367		50182
OBS	0100	21 91	35 62	24 73			50182
OBS	0125	20 42	35 53	25 07			50063
STD	0150	19 00	35 44	25 38	0 515		49945
OBS	0150	19 00	35 44	25 38			49945
STD	0200	17 48	35 78	26 01	0 633		49842
OBS	0200	17 48	35 78	26 01			49842
STD	0250	15 47	35 75	26 46	0 726		49668
OBS	0250	15 47	35 75	26 46			49668
STD	0300	14 98	35 92	26 70	0 803		49651
OBS	0300	14 98	35 92	26 70			49651
STD	0400	13 28	35 78	26 96	0 936		49518
OBS	0400	13 28	35 78	26 96			49518
STD	0500	12 47	35 73	27 08	1 053		49481
OBS	0562	11 97	35 69	27 15			49457
STD	0600	11 65	35 66	27 19	1 161		49439
OBS	0753	10 44	35 55	27 32			49378
STD	0800	10 15	35 53	27 36	1 356		49368
OBS	0944	09 14	35 44	27 46			49321
STD	1000	08 62	35 39	27 50	1 525		49286
OBS	1136	07 50	35 29	27 60			49216
STD	1200	07 08	35 25	27 62	1 670		49195
OBS	1426	05 71	35 10	27 69			49135
STD	1500	05 24	35 05	27 71	1 858		49111
OBS	1912	03 26	34 86	27 77			49061
STD	2000	03 03	34 84	27 78	2 121		49077
OBS	2302	02 39	34 80	27 80			49154
STD	2500	02 10	34 78	27 81	2 343		49223
OBS	2839	01 82	34 76	27 82			49374

Consec. Sta. No. 147 — SURFACE OBSERVATIONS

NODC REF. NO.	STATION	DATE				POSITION		SONIC DEPTH UNCORRECTED	MAX. SAMPLE DEPTH
		MO.	DAY	YEAR	HOUR	LATITUDE	LONGITUDE		
00865	AS61	02	26	1961	00	19° 30′ N	070° 30′ E	0083	01

WIND		ANEMO. HGT.	AIR PRESS.	AIR TEMPERATURE		HUMIDITY	WEATHER	CLOUD		SEA		SWELL		VIS.	WATER	
SPEED	DIR.			DRY ↓	WET ↓			TYPE	AMT.	DIR.	AMT.	DIR.	AMT.		COL.	TRANS.
05	32		11	24 4			00		0	32	2			7		

SUBSURFACE OBSERVATIONS

	SAMPLE DEPTH (M)	T °C ↓	S °/₀₀ ↓	σ_t ↓	Σ Δ D ↓	O_2 ml/l ↓	v_1 ↓
STD	0000	25 14	35 59	23 76	0 000		50387
OBS	0000	25 14	35 59	23 76			50387
STD	0010	25 13	35 58	23 76	0 041		50392
OBS	0010	25 13	35 58	23 76			50392
STD	0020	25 12	35 60	23 78	0 083		50397
OBS	0020	25 12	35 60	23 78			50397
STD	0030	25 12	35 59	23 77	0 124		50402
OBS	0030	25 12	35 59	23 77			50402
OBS	0045	25 02	35 62	23 82			50404
STD	0050	24 80	35 60	23 88	0 206		50389
OBS	0060	24 42	35 57	23 97			50363
STD	0075	23 98	35 54	24 08	0 306		50335
OBS	0080	23 87	35 54	24 11			50329

Consec. Sta. No. 148 — SURFACE OBSERVATIONS

NODC REF. NO.	STATION	DATE				POSITION		SONIC DEPTH UNCORRECTED	MAX. SAMPLE DEPTH
		MO.	DAY	YEAR	HOUR	LATITUDE	LONGITUDE		
00865	AS60	02	26	1961	08	19° 32′ N	071° 30′ E	0067	01

WIND		ANEMO. HGT.	AIR PRESS.	AIR TEMPERATURE		HUMIDITY	WEATHER	CLOUD		SEA		SWELL		VIS.	WATER	
SPEED	DIR.			DRY ↓	WET ↓			TYPE	AMT.	DIR.	AMT.	DIR.	AMT.		COL.	TRANS.
06	02		12	28 3			00		0	02	2			7		

SUBSURFACE OBSERVATIONS

	SAMPLE DEPTH (M)	T °C ↓	S °/₀₀ ↓	σ_t ↓	Σ Δ D ↓	O_2 ml/l ↓	v_1 ↓
STD	0000	24 92	35 51	23 77	0 000		50368
OBS	0000	24 92	35 51	23 77			50368
STD	0010	24 69	35 50	23 83	0 041		50355
OBS	0010	24 69	35 50	23 83			50355
STD	0020	24 72	35 50	23 82	0 082		50362
OBS	0020	24 72	35 50	23 82			50362
STD	0030	24 68	35 50	23 84	0 123		50365
OBS	0030	24 68	35 50	23 84			50365
OBS	0040	24 68	35 75*	24 03*			
STD	0050	24 58	35 51	23 87	0 204		50368
OBS	0050	24 58	35 51	23 87			50368
OBS	0065	24 22	35 53	24 00			50349

Consec. Sta. No. 149 — SURFACE OBSERVATIONS

NODC REF. NO.	STATION	DATE				POSITION		SONIC DEPTH UNCORRECTED	MAX. SAMPLE DEPTH
		MO.	DAY	YEAR	HOUR	LATITUDE	LONGITUDE		
00865	AS59	03	14	1961	06	19° 32′ N	072° 26′ E	0023	00

WIND		ANEMO. HGT.	AIR PRESS.	AIR TEMPERATURE		HUMIDITY	WEATHER	CLOUD		SEA		SWELL		VIS.	WATER	
SPEED	DIR.			DRY ↓	WET ↓			TYPE	AMT.	DIR.	AMT.	DIR.	AMT.		COL.	TRANS.
02	16		12	28 3			01	5	6	16	1			7		

SUBSURFACE OBSERVATIONS

	SAMPLE DEPTH (M)	T °C ↓	S ‰ ↓	σ_t ↓	Σ Δ D ↓	O_2 ml/l ↓	v_l ↓
STD	0000	25 82	35 62	23 58	0 000		50440
OBS	0000	25 82	35 62	23 58			50440
OBS	0005	25 66	35 63	23 64			50431
STD	0010	25 23	35 61	23 75	0 042		50400
OBS	0010	25 23	35 61	23 75			50400
OBS	0015	25 21	35 62	23 77			50402
STD	0020	25 20	35 62	23 77	0 084		50404
OBS	0022	25 20	35 62	23 77			50405

Consec. Sta. No. 150 — SURFACE OBSERVATIONS

NODC REF. NO.	STATION	DATE				POSITION		SONIC DEPTH UNCORRECTED	MAX. SAMPLE DEPTH
		MO.	DAY	YEAR	HOUR	LATITUDE	LONGITUDE		
00865	AS58	03	14	1961	10	20° 15′ N	072° 30′ E	0040	00

WIND		ANEMO. HGT.	AIR PRESS.	AIR TEMPERATURE		HUMIDITY	WEATHER	CLOUD		SEA		SWELL		VIS.	WATER	
SPEED	DIR.			DRY ↓	WET ↓			TYPE	AMT.	DIR.	AMT.	DIR.	AMT.		COL.	TRANS.
02	35		09	30 0			02	1	6	35	1			7		

SUBSURFACE OBSERVATIONS

	SAMPLE DEPTH (M)	T °C ↓	S ‰ ↓	σ_t ↓	Σ Δ D ↓	O_2 ml/l ↓	v_l ↓
STD	0000	26 76	35 65	23 30	0 000		50511
OBS	0000	26 76	35 65	23 30			50511
OBS	0005		35 62				
STD	0010	24 47	35 61	23 98	0 043		50342
OBS	0010	24 47	35 61	23 98			50342
OBS	0019	24 02	35 60	24 11			50311
STD	0020	24 02	35 60	24 11	0 081		50311
OBS	0029	24 00	35 60	24 12			50314
STD	0030	24 00	35 60	24 12	0 120		50315
OBS	0039	23 94	35 60	24 13			50315

Consec. Sta. No. 151 — SURFACE OBSERVATIONS

NODC REF. NO.	STATION	DATE				POSITION		SONIC DEPTH UNCORRECTED	MAX. SAMPLE DEPTH
		MO.	DAY	YEAR	HOUR	LATITUDE	LONGITUDE		
00865	AS56	03	14	1961	15	20° 30′ N	071° 30′ E	0026	00

WIND		ANEMO. HGT.	AIR PRESS.	AIR TEMPERATURE		HUMIDITY	WEATHER	CLOUD		SEA		SWELL		VIS.	WATER	
SPEED	DIR.			DRY ↓	WET ↓			TYPE	AMT.	DIR.	AMT.	DIR.	AMT.		COL.	TRANS.
04	30		10	27 2			00		0	30	1			7		

SUBSURFACE OBSERVATIONS

	SAMPLE DEPTH (M)	T °C ↓	S ‰ ↓	σ_t ↓	Σ Δ D ↓	O_2 ml/l ↓	v_l ↓
STD	0000	25 02	34 90	23 28	0 000		50353
OBS	0000	25 02	34 90	23 28			50353
OBS	0005	24 99	34 90	23 29			50353
STD	0010	23 94	34 88	23 59	0 045		50273
OBS	0010	23 94	34 88	23 59			50273
OBS	0015	23 96	34 90	23 60			50278
STD	0020	23 96	34 90	23 60	0 088		50280
OBS	0025	23 95	34 90	23 60			50282

Consec. Sta. No. 152 — SURFACE OBSERVATIONS

NODC REF. NO.	STATION	DATE				POSITION		SONIC DEPTH UNCORRECTED	MAX. SAMPLE DEPTH
		MO.	DAY	YEAR	HOUR	LATITUDE	LONGITUDE		
00865	AS55	03	14	1961	21	20° 30′ N	070° 30′ E	0052	00

WIND		ANEMO. HGT.	AIR PRESS.	AIR TEMPERATURE		HUMIDITY	WEATHER	CLOUD		SEA		SWELL		VIS.	WATER	
SPEED	DIR.			DRY ↓	WET ↓			TYPE	AMT.	DIR.	AMT.	DIR.	AMT.		COL.	TRANS.
04	36		11	26 7			00		0	36	1			7		

SUBSURFACE OBSERVATIONS

	SAMPLE DEPTH (M)	T °C ↓	S °/₀₀ ↓	σ_t ↓	Σ Δ D ↓	O_2 ml/l ↓	V_f ↓
STD	0000	25 36	35 68	23 77	0 000		50408
OBS	0000	25 36	35 68	23 77			50408
STD	0010	25 04	35 67	23 86	0 041		50388
OBS	0010		35 67				
STD	0020	24 56	35 63	23 97	0 081		50355
OBS	0020	24 56	35 63	23 97			50355
STD	0030	23 92	35 56	24 11	0 120		50307
OBS	0030	23 92	35 56	24 11			50307
OBS	0040	23 87	35 56	24 12			50309
STD	0050	23 87	35 56	24 12	0 196		50314
OBS	0050	23 87	35 56	24 12			50314

Consec. Sta. No. 153 — SURFACE OBSERVATIONS

NODC REF. NO.	STATION	DATE				POSITION		SONIC DEPTH UNCORRECTED	MAX. SAMPLE DEPTH
		MO.	DAY	YEAR	HOUR	LATITUDE	LONGITUDE		
00865	AS54	03	15	1961	02	20° 30′ N	069° 23′ E	0123	01

WIND		ANEMO. HGT.	AIR PRESS.	AIR TEMPERATURE		HUMIDITY	WEATHER	CLOUD		SEA		SWELL		VIS.	WATER	
SPEED	DIR.			DRY ↓	WET ↓			TYPE	AMT.	DIR.	AMT.	DIR.	AMT.		COL.	TRANS.
05	03		10	27 2			02			03	1			7		

SUBSURFACE OBSERVATIONS

	SAMPLE DEPTH (M)	T °C ↓	S °/₀₀ ↓	σ_t ↓	Σ Δ D ↓	O_2 ml/l ↓	V_f ↓
STD	0000	25 56	36 01	23 95	0 000		50435
OBS	0000	25 56	36 01	23 95			50435
STD	0010	25 56	36 00	23 95	0 040		50440
OBS	0010	25 56	36 00	23 95			50440
STD	0020	25 56	36 02	23 96	0 079		50446
OBS	0020	25 56	36 02	23 96			50446
STD	0030	25 21	36 00	24 05	0 119		50424
OBS	0030	25 21	36 00	24 05			50424
STD	0050	24 52	35 95	24 22	0 195		50380
OBS	0050	24 52	35 95	24 22			50380
OBS	0074	24 54	36 09*	24 32*			
STD	0075	24 51	35 90	24 19	0 288		50391
OBS	0099	23 12	35 88	24 57			50296

Consec. Sta. No. 154 — SURFACE OBSERVATIONS

NODC REF. NO.	STATION	DATE				POSITION		SONIC DEPTH UNCORRECTED	MAX. SAMPLE DEPTH
		MO.	DAY	YEAR	HOUR	LATITUDE	LONGITUDE		
00865	AS53	03	15	1961	06	20° 30′ N	068° 32′ E	2944	04

WIND		ANEMO. HGT.	AIR PRESS.	AIR TEMPERATURE		HUMIDITY	WEATHER	CLOUD		SEA		SWELL		VIS.	WATER	
SPEED	DIR.			DRY ↓	WET ↓			TYPE	AMT.	DIR.	AMT.	DIR.	AMT.		COL.	TRANS.
07	36		14	28 9			03	4	6	36	2			7		

SUBSURFACE OBSERVATIONS

	SAMPLE DEPTH (M)	T °C ↓	S °/₀₀ ↓	σ_t ↓	Σ ΔD ↓	O_2 ml/l ↓	V_l ↓
STD	0000	25 86	36 03	23 87	0 000		50458
OBS	0000	25 86	36 03	23 87			50458
STD	0010	25 74	36 02	23 90	0 040		50454
OBS	0010	25 74	36 02	23 90			50454
STD	0020	25 60	36 01	23 94	0 080		50449
OBS	0020	25 60	36 01	23 94			50449
OBS	0029	25 04	35 97	24 08			50409
STD	0030	25 00	35 97	24 09	0 119		50407
OBS	0049	24 32	36 01	24 33			50366
STD	0050	24 31	36 02	24 34	0 194		50366
OBS	0073	23 69	36 08	24 57			50331
STD	0075	23 54	36 05	24 59	0 281		50319
OBS	0097	22 04	35 79	24 83			50198
STD	0100	21 84	35 76	24 86	0 363		50182
OBS	0146	19 31	35 50	25 34			49974
STD	0150	19 17	35 52	25 39	0 508		49964
OBS	0194	17 74	35 76	25 94			49863
STD	0200	17 56	35 79	26 00	0 626		49850
OBS	0243	16 33	35 94	26 41			49758
STD	0250	16 13	35 94	26 46	0 719		49742
OBS	0292	15 05	35 94	26 70			49655
STD	0300	14 87	35 94	26 74	0 796		49640
OBS	0390	13 37	35 82	26 97			49524

Consec. Sta. No. 155 — SURFACE OBSERVATIONS

NODC REF. NO.	STATION	DATE				POSITION		SONIC DEPTH UNCORRECTED	MAX. SAMPLE DEPTH
		MO.	DAY	YEAR	HOUR	LATITUDE	LONGITUDE		
00865	AS52	03	15	1961	11	20° 30′ N	067° 30′ E	3017	04

WIND		ANEMO. HGT.	AIR PRESS.	AIR TEMPERATURE		HUMIDITY	WEATHER	CLOUD		SEA		SWELL		VIS.	WATER	
SPEED	DIR.			DRY ↓	WET ↓			TYPE	AMT.	DIR.	AMT	DIR	AMT.		COL.	TRANS.
03	03		12	28 3			03	5	3	03	3			7		

SUBSURFACE OBSERVATIONS

	SAMPLE DEPTH (M)	T °C ↓	S °/₀₀ ↓	σ_t ↓	$\Sigma \Delta D$ ↓	O_2 ml/l ↓	V_t ↓
STD	0000	26 40	35 94	23 64	0 000		50495
OBS	0000	26 40	35 94	23 64			50495
STD	0010	26 25	35 93	23 68	0 042		50489
OBS	0010	26 25	35 93	23 68			50489
STD	0020	26 18	35 93	23 70	0 085		50489
OBS	0020	26 18	35 93	23 70			50489
STD	0030	25 20	36 00	24 06	0 125		50423
OBS	0030	25 20	36 00	24 06			50423
STD	0050	24 50	36 10	24 34	0 200		50384
OBS	0050	24 50	36 10	24 34			50384
STD	0075	24 11	36 20	24 54	0 288		50370
OBS	0075	24 11	36 20	24 54			50370
STD	0100	23 87	36 34	24 71	0 372		50370
OBS	0100	23 87	36 34	24 71			50370
STD	0150	19 97	35 73	25 34	0 521		50044
OBS	0150	19 97	35 73	25 34			50044
STD	0200	17 64	35 71	25 92	0 643		49854
OBS	0200	17 64	35 71	25 92			49854
STD	0250	16 32	35 96	26 43	0 739		49762
OBS	0250	16 32	35 96	26 43			49762
STD	0300	15 20	35 98	26 70	0 817		49676
OBS	0300	15 20	35 98	26 70			49676
STD	0400	13 52	35 82	26 94	0 951		49546
OBS	0400	13 52	35 82	26 94			49546

Consec. Sta. No. 156 — SURFACE OBSERVATIONS

NODC REF. NO.	STATION	DATE				POSITION		SONIC DEPTH UNCORRECTED	MAX. SAMPLE DEPTH
		MO.	DAY	YEAR	HOUR	LATITUDE	LONGITUDE		
00865	AS51	03	15	1961	17	20° 29′ N	066° 30′ E	2360	23

WIND		ANEMO. HGT.	AIR PRESS.	AIR TEMPERATURE		HUMIDITY	WEATHER	CLOUD		SEA		SWELL		VIS.	WATER	
SPEED	DIR.			DRY ↓	WET ↓			TYPE	AMT.	DIR.	AMT.	DIR.	AMT.		COL.	TRANS.
06	01		15	26 7			03	5	3	01	3			7		

SUBSURFACE OBSERVATIONS

	SAMPLE DEPTH (M)	T °C ↓	S °/₀₀ ↓	σ_t ↓	Σ Δ D ↓	O_2 ml/l ↓	V_l ↓
STD	0000	26 48	36 02	23 67	0 000		50504
OBS	0000	26 48	36 02	23 67			50504
STD	0010	25 67	36 05	23 95	0 041		50450
OBS	0010	25 67	36 05	23 95			50450
STD	0020	25 28	35 99	24 02	0 080		50424
OBS	0020	24 99*	35 99	24 11*			
STD	0030	25 03	36 10	24 18	0 119		50414
OBS	0030	25 03	36 10	24 18			50414
STD	0050	24 98	36 10	24 20	0 194		50421
OBS	0050	24 98	36 39*	24 42*			
STD	0075	23 53	36 10	24 63	0 282		50320
OBS	0075	23 53	36 10	24 63			50320
STD	0100	22 74	36 14	24 89	0 363		50271
OBS	0100	22 74	36 14	24 89			50271
STD	0150	19 73	35 82	25 48	0 505		50026
OBS	0150	19 73	35 82	25 48			50026
STD	0200	17 93	35 88	25 98	0 622		49889
OBS	0200	17 93	35 88	25 98			49889
STD	0250	16 42	36 01	26 44	0 716		49774
OBS	0250	16 42	36 01	26 44			49774
STD	0300	15 33	36 02	26 70	0 794		49691
OBS	0300	15 33	36 02	26 70			49691
STD	0400	13 41	35 83	26 97	0 927		49534
OBS	0400	13 41	35 83	26 97			49534
OBS	0419	13 23	35 82	27 00			49525
STD	0500	12 51	35 74	27 08	1 043		49486
OBS	0518	12 36	35 73	27 10			49478
STD	0600	11 78	35 68	27 18	1 152		49455
OBS	0715	10 96	35 61	27 28			49420
STD	0800	10 36	35 57	27 35	1 348		49394
OBS	0913	09 54	35 50	27 44			49355
STD	1000	08 89	35 44	27 50	1 519		49321
OBS	1111	08 08	35 37	27 57			49278
STD	1200	07 42	35 30	27 62	1 667		49241
OBS	1408	06 03	35 15	27 69			49169
STD	1500	05 46	35 09	27 71	1 858		49142
OBS	1903	03 48	34 90	27 78			49088
STD	2000	03 13	34 87	27 79	2 119		49092
OBS	2300	02 34	34 82	27 82			49147

Consec. Sta. No. 157

SURFACE OBSERVATIONS

NODC REF. NO.	STATION	DATE				POSITION		SONIC DEPTH UNCORRECTED	MAX. SAMPLE DEPTH
		MO.	DAY	YEAR	HOUR	LATITUDE	LONGITUDE		
00865	AS50	03	16	1961	00	20° 29′ N	065° 26′ E	3292	04

WIND		ANEMO. HGT	AIR PRESS.	AIR TEMPERATURE		HUMIDITY	WEATHER	CLOUD		SEA		SWELL		VIS.	WATER	
SPEED	DIR.			DRY ↓	WET ↓			TYPE	AMT.	DIR.	AMT.	DIR	AMT.		COL	TRANS.
05	02		13	26 7			00		0	02	2			7		

SUBSURFACE OBSERVATIONS

	SAMPLE DEPTH (M)	T °C ↓	S °/₀₀ ↓	σ_t ↓	$\Sigma \Delta D$ ↓	O_2 ml/l ↓	V_t ↓
STD	0000	26 02	36 22	23 97	0 000		50477
OBS	0000	26 02	36 22	23 97			50477
STD	0010	26 01	36 22	23 97	0 040		50482
OBS	0010	26 01	36 22	23 97			50482
STD	0020	24 88	36 35	24 42	0 077		50406
OBS	0020	24 88	36 35	24 42			50406
OBS	0029	24 60	36 36	24 51			50390
STD	0030	24 57	36 37	24 53	0 112		50388
OBS	0049	24 14	36 50	24 75			50370
STD	0050	24 13	36 50	24 76	0 178		50369
OBS	0073	23 89	36 50	24 83			50363
STD	0075	23 72	36 46	24 85	0 258		50349
OBS	0097	21 96	36 07	25 06			50202
STD	0100	21 75	36 05	25 10	0 333		50185
OBS	0146	19 05	35 87	25 69			49964
STD	0150	18 87	35 88	25 74	0 464		49950
OBS	0195	17 28	35 94	26 19			49826
STD	0200	17 22	35 98	26 23	0 568		49824
OBS	0244	16 44	36 16	26 55			49779
STD	0250	16 26	36 15	26 59	0 653		49763
OBS	0294	15 09	36 05	26 78			49664
STD	0300	14 95	36 04	26 80	0 725		49653
OBS	0392	13 29	35 83	26 99			49517

Consec. Sta. No. 158 — SURFACE OBSERVATIONS

NODC REF. NO.	STATION	DATE				POSITION		SONIC DEPTH UNCORRECTED	MAX. SAMPLE DEPTH
		MO.	DAY	YEAR	HOUR	LATITUDE	LONGITUDE		
00865	AS49	03	16	1961	06	20° 29′ N	064° 27′ E	3091	29

WIND		ANEMO. HGT.	AIR PRESS.	AIR TEMPERATURE		HUMIDITY	WEATHER	CLOUD		SEA		SWELL		VIS.	WATER	
SPEED	DIR.			DRY ↓	WET ↓			TYPE	AMT.	DIR.	AMT.	DIR.	AMT.		COL	TRANS.
04	03		15	28 9			00		0	03	2			7		

SUBSURFACE OBSERVATIONS

	SAMPLE DEPTH (M)	T °C ↓	S °/₀₀ ↓	σ_t ↓	Σ Δ D ↓	O_2 ml/l ↓	V_l ↓
STD	0000	26 14	36 48	24 13	0 000		50495
OBS	0000	26 14	36 48	24 13			50495
OBS	0009	25 82	36 45	24 20			50475
STD	0010	25 69	36 45	24 24	0 037		50466
OBS	0018	24 94	36 42	24 45			50412
STD	0020	24 86	36 41	24 47	0 073		50407
OBS	0027	24 64	36 38	24 51			50392
STD	0030	24 64	36 40	24 53	0 108		50395
OBS	0046	24 46	36 46	24 63			50392
STD	0050	24 29	36 45	24 67	0 175		50380
OBS	0069	23 72	36 42	24 82			50344
STD	0075	23 67	36 45	24 86	0 256		50345
OBS	0091	23 54	36 46	24 90			50343
STD	0100	22 87	36 33	25 00	0 332		50289
OBS	0137	20 40	35 95	25 40			50084
STD	0150	19 55	35 87	25 56	0 470		50012
OBS	0183	17 99	35 79	25 90			49882
STD	0200	17 70	35 88	26 04	0 583		49867
OBS	0229	17 20	36 01	26 26			49839
STD	0250	16 89	36 12	26 42	0 677		49825
OBS	0275		36 19				
STD	0300	16 01	36 07	26 59	0 758		49762
OBS	0355	14 78	36 01	26 82			49663
OBS	0368	14 45	36 04	26 91			49637
STD	0400	13 91	35 95	26 96	0 897		49593
STD	0500	12 53	35 74	27 08	1 015		49488
OBS	0514	12 37	35 72	27 09			49477
STD	0600	11 77	35 66	27 16	1 124		49453
OBS	0674	11 22	35 61	27 23			49428
STD	0800	10 17	35 53	27 36	1 321		49370
OBS	0836	09 89	35 51	27 39			49356
STD	1000	08 74	35 41	27 50	1 491		49301
OBS	1004	08 71	35 41	27 51			49300
STD	1200	07 22	35 27	27 62	1 638		49214
OBS	1263		35 23				
STD	1500	05 30	35 07	27 72	1 826		49120
OBS	1715	04 21	34 95	27 75			49086
STD	2000	03 19	34 87	27 79	2 087		49100
OBS	2372	02 30	34 80	27 81			49181
STD	2500	02 11	34 78	27 81	2 310		49225
OBS	2900	01 89	34 76	27 81			49419

Consec. Sta. No. 159

SURFACE OBSERVATIONS

NODC REF. NO.	STATION	DATE				POSITION		SONIC DEPTH UNCORRECTED	MAX. SAMPLE DEPTH
		MO.	DAY	YEAR	HOUR	LATITUDE	LONGITUDE		
00865	AS48	03	16	1961	14	20° 30′ N	063° 29′ E	3268	04

WIND		ANEMO. HGT.	AIR PRESS.	AIR TEMPERATURE		HUMIDITY	WEATHER	CLOUD		SEA		SWELL		VIS	WATER	
SPEED	DIR.			DRY ↓	WET ↓			TYPE	AMT.	DIR.	AMT.	DIR.	AMT.		COL	TRANS.
02	33		12	26 1			00		0	33	2			7		

SUBSURFACE OBSERVATIONS

	SAMPLE DEPTH (M)	T °C ↓	S °/₀₀ ↓	σ_t ↓	Σ ΔD ↓	O_2 ml/l ↓	v_l ↓
STD	0000	26 49	36 48	24 02	0 000		50521
OBS	0000	26 49	36 48	24 02			50521
STD	0010	26 03	36 47	24 15	0 038		50492
OBS	0010	26 03	36 47	24 15			50492
STD	0020	24 86	36 40	24 46	0 075		50406
OBS	0020	24 86	36 40	24 46			50406
STD	0030	24 48	36 39	24 57	0 109		50382
OBS	0030	24 48	36 39	24 57			50382
STD	0050	24 30	36 48	24 69	0 176		50382
OBS	0050	24 30	36 48	24 69			50382
STD	0075	24 10	36 51	24 77	0 257		50381
OBS	0075	24 10	36 51	24 77			50381
STD	0100	22 90	36 32	24 98	0 335		50291
OBS	0100	22 90	36 32	24 98			50291
STD	0150	20 09	35 94	25 47	0 475		50063
OBS	0150	20 09	35 94	25 47			50063
STD	0200	17 86	35 75	25 90	0 594		49877
OBS	0200	17 86	35 75	25 90			49877
STD	0250	16 82	35 98	26 33	0 693		49812
OBS	0250	16 82	35 98	26 33			49812
STD	0300	15 95	36 07	26 60	0 776		49756
OBS	0300	15 95	36 07	26 60			49756
STD	0400	13 83	35 87	26 91	0 916		49581
OBS	0400	13 83	35 87	26 91			49581

Consec. Sta. No. 160

SURFACE OBSERVATIONS

NODC REF NO.	STATION	DATE				POSITION		SONIC DEPTH UNCORRECTED	MAX. SAMPLE DEPTH
		MO.	DAY	YEAR	HOUR	LATITUDE	LONGITUDE		
00865	AS47	03	16	1961	20	20° 26′ N	062° 31′ E	4206	35

WIND		ANEMO. HGT.	AIR PRESS.	AIR TEMPERATURE		HUMIDITY	WEATHER	CLOUD		SEA		SWELL		VIS.	WATER	
SPEED	DIR.			DRY ↓	WET ↓			TYPE	AMT.	DIR.	AMT.	DIR.	AMT.		COL.	TRANS.
01	12		12	26 1			00		0	12	1			7		

SUBSURFACE OBSERVATIONS

	SAMPLE DEPTH (M)	T °C ↓	S °/₀₀ ↓	σ_t ↓	Σ Δ D ↓	O_2 ml/l ↓	V_t ↓
STD	0000	26 15	36 42	24 08	0 000		50494
OBS	0000	26 15	36 42	24 08			50494
STD	0010	26 15	36 42	24 08	0 038		50499
OBS	0010	26 15	36 42	24 08			50499
STD	0020	25 09	36 38	24 38	0 076		50423
OBS	0020	25 09	36 38	24 38			50423
STD	0030	24 74	36 38	24 48	0 111		50402
OBS	0030	24 74	36 38	24 48			50402
STD	0050	24 49	36 37	24 55	0 180		50393
OBS	0050	24 49	36 37	24 55			50393
STD	0075	24 38	36 40	24 61	0 264		50399
OBS	0075	24 38	36 40	24 61			50399
STD	0100	23 40	36 43	24 92	0 345		50336
OBS	0100	23 40	36 43	24 92			50336
STD	0150	20 64	36 04	25 40	0 488		50116
OBS	0150	20 64	36 04	25 40			50116
STD	0200	17 90	35 83	25 95	0 607		49884
OBS	0200	17 90	35 83	25 95			49884
STD	0250	16 77	36 01	26 36	0 705		49808
OBS	0250	16 77	36 01	26 36			49808
STD	0300	15 56	36 20	26 79	0 782		49722
OBS	0300	15 56	36 20	26 79			49722
STD	0400	13 85	35 88	26 92	0 914		49584
OBS	0400	13 85	35 88	26 92			49584
STD	0500	11 90	35 70	27 17	1 028		49416
OBS	0500	11 90	35 70	27 17			49416
STD	0600	11 55	35 67	27 21	1 131		49429
OBS	0700	11 08	35 63	27 27			49427
STD	0800	10 47	35 60	27 36	1 324		49409
OBS	0900	09 80	35 54	27 43			49381
STD	1000	09 03	35 45	27 48	1 496		49339
OBS	1100	08 29	35 37	27 54			49299
STD	1200	07 61	35 29	27 58	1 649		49265
OBS	1300	06 92	35 21	27 62			49228
STD	1500	05 42	35 08	27 71	1 846		49136
OBS	1600	04 80	35 02	27 74			49106
STD	2000	03 31	34 88	27 78	2 112		49118
OBS	2100	03 02	34 85	27 79			49132
STD	2500	02 29	34 80	27 81	2 339		49251
OBS	2900	01 84	34 76	27 81			49412
STD	3000	01 77	34 75	27 81	2 550		49458
OBS	3500	01 70	34 74	27 81			49733

SURFACE OBSERVATIONS

Consec. Sta. No. 161

NODC REF. NO.	STATION	DATE				POSITION		SONIC DEPTH UNCORRECTED	MAX. SAMPLE DEPTH
		MO.	DAY	YEAR	HOUR	LATITUDE	LONGITUDE		
00865	AS46	03	17	1961	03	20° 31′ N	061° 30′ E	3475	04

WIND		ANEMO. HGT.	AIR PRESS.	AIR TEMPERATURE		HUMIDITY	WEATHER	CLOUD		SEA		SWELL		VIS.	WATER	
SPEED	DIR.			DRY	WET			TYPE	AMT.	DIR.	AMT.	DIR	AMT.		COL.	TRANS.
03	22		12	26 7			00		0	22	1			7		

SUBSURFACE OBSERVATIONS

	SAMPLE DEPTH (M)	T °C ↓		S °/₀₀ ↓		σ_t ↓		$\Sigma \Delta D$ ↓	O_2 ml/l ↓	v_t ↓
STD	0000	26	26	36	47	24	08	0 000		50504
OBS	0000	26	26	36	47	24	08			50504
STD	0010	26	18	36	46	24	10	0 038		50503
OBS	0010	26	18	36	46	24	10			50503
STD	0020	25	21	36	38	24	34	0 076		50433
OBS	0020	25	21	36	38	24	34			50433
STD	0030	24	72	36	38	24	48	0 111		50403
OBS	0030	24	75	36	38	24	48			50403
STD	0050	24	50	36	42	24	59	0 179		50395
OBS	0050	24	50	36	42	24	59			50395
STD	0075	24	16	36	34	24	63	0 264		50379
OBS	0075	24	16	36	34	24	63			50379
STD	0100	23	17	36	26	24	86	0 345		50311
OBS	0100	23	17	36	26	24	86			50311
STD	0150	20	58	35	92	25	33	0 491		50106
OBS	0150	20	58	35	92	25	33			50106
STD	0200	18	35	35	89	25	88	0 614		49929
OBS	0200	18	35	35	89	25	88			49929
STD	0250	17	09	35	87	26	18	0 717		49834
OBS	0250	17	09	35	87	26	18			49834
STD	0300	16	00	36	03	26	56	0 805		49759
OBS	0300	16	00	36	03	26	56			49759
STD	0400	14	10	35	88	26	86	0 949		49610
OBS	0400	14	10	35	88	26	86			49610

Consec. Sta. No. 162

SURFACE OBSERVATIONS

NODC REF. NO.	STATION	DATE				POSITION		SONIC DEPTH UNCORRECTED	MAX. SAMPLE DEPTH
		MO.	DAY	YEAR	HOUR	LATITUDE	LONGITUDE		
00865	AS45	03	17	1961	09	20° 31′ N	060° 28′ E	3475	34

WIND		ANEMO. HGT.	AIR PRESS.	AIR TEMPERATURE		HUMIDITY	WEATHER	CLOUD		SEA		SWELL		VIS.	WATER	
SPEED	DIR.			DRY ↓	WET ↓			TYPE	AMT.	DIR.	AMT.	DIR.	AMT.		COL.	TRANS.
04	03		12	27 2			03	6	2	03	2			7		

SUBSURFACE OBSERVATIONS

	SAMPLE DEPTH (M)	T °C ↓	S °/₀₀ ↓	σ_t ↓	Σ ΔD ↓	O_2 ml/l ↓	v_t ↓
STD	0000	26 65	36 42	23 92	0 000		50531
OBS	0000	26 65	36 42	23 92			50531
STD	0010	26 34	36 41	24 01	0 040		50513
OBS	0010	26 34	36 41	24 01			50513
OBS	0019	26 22	36 41	24 05			50509
STD	0020	26 16	36 41	24 07	0 078		50505
OBS	0029	25 64	36 41	24 23			50471
STD	0030	25 57	36 41	24 25	0 116		50466
OBS	0048	24 63	36 43	24 55			50405
STD	0050	24 60	36 43	24 56	0 187		50404
OBS	0072	24 26	36 44	24 67			50389
STD	0075	24 01	36 39	24 71	0 271		50369
OBS	0096	22 43	36 09	24 94			50241
STD	0100	22 23	36 08	24 99	0 349		50226
OBS	0145	19 90	35 92	25 51			50043
STD	0150	19 57	35 88	25 56	0 487		50014
OBS	0193	17 36	35 68	25 97			49822
STD	0200	17 17	35 69	26 02	0 600		49808
OBS	0241	16 16	35 78	26 33			49734
STD	0250	16 07	35 90	26 44	0 694		49734
OBS	0290		36 26				
STD	0300	15 54	36 23	26 82	0 769		49721
OBS	0388	14 36	36 00	26 90			49636
STD	0400	14 12	35 96	26 92	0 899		49616
OBS	0478	12 85	35 76	27 03			49512
STD	0500	12 63	35 73	27 05	1 019		49499
OBS	0576	11 93	35 66	27 13			49458
STD	0600	11 79	35 65	27 15	1 131		49455
OBS	0766	10 72	35 57	27 29			49418
STD	0800	10 48	35 56	27 32	1 333		49408
OBS	0958	09 30	35 47	27 46			49349
STD	1000	08 94	35 43	27 48	1 508		49327
OBS	1151	07 73	35 29	27 56			49253
STD	1200	07 40	35 26	27 59	1 660		49237
OBS	1440	05 89	35 11	27 67			49167
STD	1500	05 51	35 08	27 70	1 857		49148
OBS	1929	03 32	34 88	27 78			49079
STD	2000	03 14	34 86	27 78	2 124		49093
STD	2500	02 16	34 76	27 79	2 352		49231
OBS	2721	01 89	34 76	27 81			49317
STD	3000	01 82					
OBS	3418	01 71	34 44*	27 57*			

Consec. Sta. No. 163 SURFACE OBSERVATIONS

NODC REF. NO.	STATION	DATE				POSITION		SONIC DEPTH UNCORRECTED	MAX. SAMPLE DEPTH
		MO.	DAY	YEAR	HOUR	LATITUDE	LONGITUDE		
00865	AS44	03	17	1961	16	20° 30′ N	059° 30′ E	2487	24

WIND		ANEMO. HGT.	AIR PRESS.	AIR TEMPERATURE		HUMIDITY	WEATHER	CLOUD		SEA		SWELL		VIS.	WATER	
SPEED	DIR.			DRY ↓	WET ↓			TYPE	AMT.	DIR.	AMT	DIR.	AMT		COL	TRANS
03	25		10	26 1			00		0	00	0			7		

SUBSURFACE OBSERVATIONS

	SAMPLE DEPTH (M)	T °C ↓	S °/₀₀ ↓	σ_t ↓	ΣΔD ↓	O_2 ml/l ↓	V_f ↓
STD	0000	26 32	36 43	24 03	0 000		50507
OBS	0000	26 32	36 43	24 03			50507
STD	0010	25 89	36 43	24 17	0 038		50480
OBS	0010	25 89	36 43	24 17			50480
STD	0020	25 44	36 41	24 29	0 075		50451
OBS	0020	25 44	36 41	24 29			50451
STD	0030	24 57	36 37	24 53	0 111		50388
OBS	0030	24 57	36 37	24 53			50388
STD	0050	23 85	36 47	24 82	0 177		50346
OBS	0050	23 85	36 47	24 82			50346
STD	0075	23 60	36 47	24 89	0 255		50340
OBS	0075	23 60	36 47	24 89			50340
STD	0100	22 98	36 35	24 98	0 331		50299
OBS	0100	22 98	36 35	24 98			50299
STD	0150	19 56	35 94	25 61	0 468		50016
OBS	0150	19 56	35 94	25 61			50016
STD	0200	17 96	36 05	26 10	0 579		49898
OBS	0200	17 96	36 05	26 10			49898
STD	0250	16 10	35 87	26 41	0 671		49736
OBS	0250	16 10	35 87	26 41			49736
STD	0300	15 33	35 98	26 67	0 750		49689
OBS	0300	15 33	35 98	26 67			49689
STD	0400	13 58	35 83	26 93	0 886		49553
OBS	0400	13 58	35 83	26 93			49553
STD	0500	12 60	35 75	27 07	1 005		49496
OBS	0500	12 60	35 75	27 07			49496
STD	0600	11 78	35 66	27 16	1 115		49454
OBS	0600	11 78	35 66	27 16			49454
STD	0800	10 50	35 47	27 25	1 322		49407
OBS	0800	10 50	35 47	27 25			49407
STD	1000	09 06	35 47	27 50	1 504		49343
OBS	1000	09 06	35 47	27 50			49343
STD	1200	07 45	35 33	27 63	1 651		49246
OBS	1200	07 45	35 33	27 63			49246
STD	1500	05 38	35 06	27 70	1 840		49130
OBS	1500	05 38	35 06	27 70			49130
STD	2000	03 13	34 86	27 78	2 106		49092
OBS	2000	03 13	34 86	27 78			49092
OBS	2450		34 80				

Consec. Sta. No. 164

SURFACE OBSERVATIONS

NODC REF. NO.	STATION	DATE				POSITION		SONIC DEPTH UNCORRECTED	MAX. SAMPLE DEPTH
		MO.	DAY	YEAR	HOUR	LATITUDE	LONGITUDE		
00865	AS43	03	17	1961	23	21° 30′ N	059° 39′ E	1682	16

WIND		ANEMO. HGT.	AIR PRESS.	AIR TEMPERATURE		HUMIDITY	WEATHER	CLOUD		SEA		SWELL		VIS.	WATER	
SPEED	DIR.			DRY ↓	WET ↓			TYPE	AMT.	DIR.	AMT.	DIR.	AMT.		COL.	TRANS.
03	26		10	26 1			00		0	26	2			7		

SUBSURFACE OBSERVATIONS

	SAMPLE DEPTH (M)	T °C ↓	S ‰ ↓	σ_t ↓	Σ Δ D ↓	O_2 ml/l ↓	V_l ↓
STD	0000	25 81	36 45	24 21	0 000		50470
OBS	0000	25 81	36 45	24 21			50470
STD	0010	25 80	36 44	24 20	0 037		50474
OBS	0010	25 80	36 44	24 20			50474
STD	0020	25 44	36 44	24 31	0 074		50452
OBS	0020	25 44	36 40*	24 28*			
STD	0030	24 96	36 44	24 46	0 110		50421
OBS	0030	24 96	36 44	24 46			50421
STD	0050	24 57	36 43	24 57	0 178		50401
OBS	0050	24 57	36 43	24 57			50401
STD	0075	23 50	36 36	24 84	0 260		50328
OBS	0075	23 50	36 36	24 84			50328
STD	0100	21 20	35 96	25 19	0 335		50134
OBS	0100	21 20	35 96	25 19			50134
STD	0150	18 56	35 70	25 69	0 465		49914
OBS	0150	18 56	35 70	25 69			49914
STD	0200	17 48	35 84	26 06	0 575		49844
OBS	0200	17 48	35 84	26 06			49844
STD	0250	16 64	36 06	26 43	0 667		49798
OBS	0250	16 64	36 06	26 43			49798
STD	0300	15 65	36 04	26 64	0 747		49724
OBS	0300	15 65	36 04	26 64			49724
STD	0400	13 61	35 86	26 95	0 883		49557
OBS	0400	13 61	35 86	26 95			49557
OBS	0440	13 27	35 82	26 99			49540
STD	0500	12 59	35 73	27 06	1 002		49494
OBS	0538	12 20	35 69	27 10			49469
STD	0600	11 67	35 65	27 18	1 112		49441
OBS	0734	10 66	35 58	27 31			49394
STD	0800	10 27	35 55	27 35	1 308		49383
OBS	0930	09 48	35 48	27 43			49356
STD	1000	09 11	35 44	27 46	1 483		49348
OBS	1126	08 21	35 35	27 54			49302
STD	1200	07 40	35 27	27 59	1 636		49237
OBS	1323	06 18	35 15	27 67			49142
STD	1500	04 70	35 00	27 73	1 823		49036
OBS	1617	03 90	34 92	27 75			48988

Consec. Sta. No. 165 — SURFACE OBSERVATIONS

NODC REF. NO.	STATION	DATE				POSITION		SONIC DEPTH UNCORRECTED	MAX. SAMPLE DEPTH
		MO.	DAY	YEAR	HOUR	LATITUDE	LONGITUDE		
00865	AS42	03	18	1961	05	21° 32′ N	060° 30′ E	3109	04

WIND		ANEMO. HGT.	AIR PRESS.	AIR TEMPERATURE		HUMIDITY	WEATHER	CLOUD		SEA		SWELL		VIS.	WATER	
SPEED	DIR			DRY ↓	WET ↓			TYPE	AMT.	DIR	AMT.	DIR.	AMT.		COL.	TRANS.
02	24		13	27 2			03	1	5	24	1			7		

SUBSURFACE OBSERVATIONS

	SAMPLE DEPTH (M)	T °C ↓	S ‰ ↓	σ_t ↓	Σ ΔD ↓	O_2 ml/l ↓	v_l ↓
STD	0000	26 28	36 40	24 02	0 000		50503
OBS	0000	26 28	36 40	24 02			50503
STD	0010	26 24	36 40	24 03	0 039		50505
OBS	0010	26 24	36 40	24 03			50505
STD	0020	26 20	36 39	24 04	0 078		50507
OBS	0020	26 20	36 39	24 04			50507
STD	0030	25 28	36 42	24 35	0 115		50445
OBS	0030	25 28	36 42	24 35			50445
STD	0050	24 66	36 45	24 56	0 185		50409
OBS	0050	24 66	36 45	24 56			50409
STD	0075	24 40	36 44	24 63	0 270		50402
OBS	0075	24 40	36 44	24 63			50402
STD	0100	23 02	36 17	24 83	0 351		50295
OBS	0100	23 02	36 17	24 83			50295
STD	0150	19 35	35 78	25 54	0 493		49990
OBS	0150	19 35	35 78	25 54			49990
STD	0200	17 67	35 83	26 01	0 607		49862
OBS	0200	17 67	35 83	26 01			49862
STD	0250	16 64	35 96	26 35	0 703		49794
OBS	0250	16 64	35 96	26 35			49794
STD	0300	16 34	36 19	26 60	0 786		49800
OBS	0300	16 34	36 19	26 60			49800
STD	0400	13 95	35 84	26 86	0 929		49593
OBS	0400	13 95	35 84	26 86			49593

Consec. Sta. No, 166

SURFACE OBSERVATIONS

NODC REF. NO.	STATION	DATE				POSITION		SONIC DEPTH UNCORRECTED	MAX. SAMPLE DEPTH
		MO.	DAY	YEAR	HOUR	LATITUDE	LONGITUDE		
00865	AS24	03	18	1961	11	22° 30′ N	060° 30′ E	2981	04

WIND		ANEMO. HGT.	AIR PRESS.	AIR TEMPERATURE		HUMIDITY	WEATHER	CLOUD		SEA		SWELL		VIS.	WATER	
SPEED	DIR.			DRY ↓	WET ↓			TYPE	AMT.	DIR.	AMT.	DIR.	AMT.		COL.	TRANS.
06	33		11	25 6			03	5	6	33	1			7		

SUBSURFACE OBSERVATIONS

	SAMPLE DEPTH (M)	T °C ↓		S °/₀₀ ↓		σ_t ↓		Σ ΔD ↓	O_2 ml/l ↓	V_l ↓
STD	0000	25	74	36	46	24	24	0 000		50465
OBS	0000	25	74	36	46	24	24			50465
STD	0010	25	67	36	45	24	25	0 037		50465
OBS	0010	25	67	36	45	24	25			50465
OBS	0019	25	46	36	43	24	30			50453
STD	0020	25	37	36	42	24	32	0 073		50446
OBS	0029	24	78	36	39	24	48			50405
STD	0030	24	77	36	40	24	49	0 109		50405
OBS	0048	24	63	36	46	24	58			50406
STD	0050	24	55	36	44	24	59	0 177		50400
OBS	0072	23	36	36	20	24	76			50309
STD	0075	23	07	36	16	24	81	0 259		50285
OBS	0097	21	28	35	96	25	17			50140
STD	0100	21	15	35	96	25	20	0 334		50130
OBS	0145	19	44	35	99	25	68			50004
STD	0150	19	28	36	00	25	73	0 463		49992
OBS	0193	18	14	36	06	26	07			49912
STD	0200	18	08	36	06	26	08	0 571		49910
OBS	0241	16	63*	36	07	26	44*			
STD	0250	17	54	36	16	26	29	0 667		49889
OBS	0290	16	94	36	42	26	64			49863
STD	0300	16	77	36	39	26	65	0 750		49850
OBS	0387	14	90	36	12	26	87			49697

Consec. Sta. No. 167 — SURFACE OBSERVATIONS

NODC REF. NO.	STATION	DATE				POSITION		SONIC DEPTH UNCORRECTED	MAX. SAMPLE DEPTH
		MO.	DAY	YEAR	HOUR	LATITUDE	LONGITUDE		
00865	AS22	03	18	1961	17	23° 32′ N	060° 26′ E	3255	04

WIND		ANEMO. HGT.	AIR PRESS.	AIR TEMPERATURE		HUMID. ITY	WEATHER	CLOUD		SEA		SWELL		VIS.	WATER	
SPEED	DIR			DRY ↓	WET ↓			TYPE	AMT.	DIR.	AMT.	DIR.	AMT.		COL.	TRANS.
05	29		12	23 9			02	5	6	29	2			7		

SUBSURFACE OBSERVATIONS

	SAMPLE DEPTH (M)	T °C ↓	S °/₀₀ ↓	σ_t ↓	Σ ΔD ↓	O_2 ml/l ↓	V_l ↓
STD	0000	25 14	36 53	24 47	0 000		50422
OBS	0000	25 14	36 53	24 47			50422
STD	0010	25 18	36 52	24 45	0 035		50430
OBS	0010	25 18	36 52	24 45			50430
STD	0020	25 12	36 52	24 47	0 070		50431
OBS	0020	25 12	36 52	24 47			50431
OBS	0029	23 52	36 45	24 90			50308
STD	0030	23 52	36 46	24 91	0 102		50309
OBS	0049	23 09	36 47	25 04			50285
STD	0050	23 03	36 46	25 05	0 162		50280
OBS	0073	21 65	36 18	25 23			50167
STD	0075	21 53	36 16	25 25	0 234		50157
OBS	0098	20 33	36 01	25 46			50059
STD	0100	20 24	36 02	25 49	0 300		50053
OBS	0147	18 57	36 14	26 02			49931
STD	0150	18 54	36 16	26 04	0 414		49930
OBS	0197	17 82	36 34	26 36			49895
STD	0200	17 75	36 34	26 38	0 508		49890
OBS	0246	16 53	36 25	26 60			49792
STD	0250	16 39	36 23	26 62	0 588		49780
OBS	0296	14 98	36 07	26 82			49655
STD	0300	14 88	36 06	26 83	0 659		49646
OBS	0396	13 44	35 87	26 99			49537

Consec. Sta. No. 168 — SURFACE OBSERVATIONS

NODC REF. NO.	STATION	DATE				POSITION		SONIC DEPTH UNCORRECTED	MAX. SAMPLE DEPTH
		MO.	DAY	YEAR	HOUR	LATITUDE	LONGITUDE		
00865	AS23	03	18	1961	23	23° 26′ N	059° 37′ E	3292	04

WIND		ANEMO. HGT.	AIR PRESS.	AIR TEMPERATURE		HUMIDITY	WEATHER	CLOUD		SEA		SWELL		VIS.	WATER	
SPEED	DIR.			DRY ↓	WET ↓			TYPE	AMT.	DIR.	AMT.	DIR.	AMT.		COL.	TRANS.
06	31		10	24 4			02	5	6	31	3			7		

SUBSURFACE OBSERVATIONS

	SAMPLE DEPTH (M)	T °C ↓	S °/₀₀ ↓	σ_t ↓	$\Sigma \Delta D$ ↓	O_2 ml/l ↓	V_i ↓
STD	0000	24 54	36 52	24 65	0 000		50375
OBS	0000	24 54	36 52	24 65			50375
STD	0010	24 58	36 52	24 64	0 033		50384
OBS	0010	24 58	36 52	24 64			50384
OBS	0019	24 54	36 51	24 64			50385
STD	0020	24 42	36 50	24 67	0 066		50376
OBS	0029	23 58	36 47	24 90			50313
STD	0030	23 57	36 47	24 90	0 098		50313
OBS	0048	23 20	36 48	25 02			50293
STD	0050	23 15	36 47	25 02	0 158		50290
OBS	0073	22 36	36 30	25 12			50231
STD	0075	22 22	36 27	25 14	0 231		50219
OBS	0097	21 00	36 08	25 33			50120
STD	0100	20 92	36 09	25 36	0 300		50115
OBS	0146	20 04	36 18	25 67			50066
STD	0150	20 03	36 25	25 72	0 425		50070
OBS	0195	19 95	36 67	26 07			50103
STD	0200	19 58	36 64	26 14	0 532		50071
OBS	0244	16 93	36 42	26 64			49837
STD	0250	16 70	36 39	26 67	0 618		49817
OBS	0294	15 28	36 19	26 84			49689
STD	0300	15 12	36 17	26 86	0 686		49675
OBS	0393	13 79	35 92	26 96			49575

Consec. Sta. No. 169

SURFACE OBSERVATIONS

NODC REF. NO.	STATION	DATE				POSITION		SONIC DEPTH UNCORRECTED	MAX. SAMPLE DEPTH
		MO.	DAY	YEAR	HOUR	LATITUDE	LONGITUDE		
00865	AS04	03	19	1961	07	24° 32′ N	058° 29′ E	2249	21

WIND		ANEMO. HGT.	AIR PRESS.	AIR TEMPERATURE		HUMIDITY	WEATHER	CLOUD		SEA		SWELL		VIS.	WATER	
SPEED	DIR.			DRY ↓	WET ↓			TYPE	AMT.	DIR.	AMT.	DIR	AMT.		COL.	TRANS.
08	29		13	26 1			02	8	5	29	3			7		

SUBSURFACE OBSERVATIONS

	SAMPLE DEPTH (M)	T °C ↓	S °/₀₀ ↓	σ_t ↓	Σ ΔD ↓	O_2 ml/l ↓	V_t ↓
STD	0000	23 94	36 58	24 87	0 000		50330
OBS	0000	23 94	36 58	24 87			50330
OBS	0009	23 94	36 58	24 87			50335
STD	0010	23 94	36 58	24 87	0 031		50336
OBS	0019	23 90	36 58	24 89			50338
STD	0020	23 77	36 57	24 92	0 062		50327
OBS	0028	22 96	36 50	25 10			50264
STD	0030	22 95	36 50	25 10	0 091		50264
OBS	0047	22 85	36 50	25 13			50265
STD	0050	22 84	36 50	25 14	0 149		50266
OBS	0071	22 80	36 49	25 14			50274
STD	0075	22 80	36 50	25 15	0 220		50276
OBS	0094	22 80	36 51	25 16			50287
STD	0100	22 52	36 44	25 18	0 291		50264
OBS	0141	21 02	36 15	25 38			50148
STD	0150	20 86	36 16	25 43	0 427		50140
OBS	0188	20 21	36 22	25 65			50105
STD	0200	20 01	36 28	25 75	0 550		50096
OBS	0236	19 41	36 43	26 03			50067
STD	0250	19 22	36 47	26 11	0 659		50059
OBS	0283	18 67	36 51	26 28			50028
STD	0300	18 21	36 46	26 35	0 753		49992
OBS	0378	16 18	36 23	26 67			49828
STD	0400	15 55	36 16	26 76	0 914		49773
OBS	0477	13 73	35 94	26 99			49615
STD	0500	13 34	35 88	27 02	1 044		49583
OBS	0565	12 37	35 74	27 11			49505
STD	0600	12 08	35 71	27 14	1 158		49490
OBS	0743	10 86	35 60	27 29			49423
STD	0800	10 35	35 56	27 35	1 358		49393
OBS	0922	09 22	35 46	27 46			49320
STD	1000	08 40	35 38	27 53	1 526		49258
OBS	1106	07 42	35 28	27 60			49189
STD	1200	06 80	35 22	27 64	1 666		49158
OBS	1485	05 16	35 05	27 72			49092
STD	1500	05 08	35 04	27 72	1 848		49089
STD	2000	03 09	34 86	27 79	2 105		49086
OBS	2115	02 79	34 83	27 79			49107

Consec. Sta. No. 170 — SURFACE OBSERVATIONS

NODC REF. NO.	STATION	DATE				POSITION		SONIC DEPTH UNCORRECTED	MAX. SAMPLE DEPTH
		MO.	DAY	YEAR	HOUR	LATITUDE	LONGITUDE		
00865	AS03	03	19	1961	14	24° 32′ N	057° 31′ E	1518	14

WIND		ANEMO. HGT.	AIR PRESS.	AIR TEMPERATURE		HUMIDITY	WEATHER	CLOUD		SEA		SWELL		VIS.	WATER	
SPEED	DIR.			DRY ↓	WET ↓			TYPE	AMT.	DIR.	AMT.	DIR.	AMT.		COL.	TRANS.
05	35		12	23 9			03	4	6	35	3			7		

SUBSURFACE OBSERVATIONS

	SAMPLE DEPTH (M)	T °C ↓	S °/₀₀ ↓	σ_t ↓	ΣΔD ↓	O_2 ml/l ↓	V_t ↓
STD	0000	23 77	36 58	24 93	0 000		50317
OBS	0000	23 77	36 58	24 93			50317
STD	0010	23 79	36 57	24 91	0 030		50324
OBS	0010	23 79	36 57	24 91			50324
STD	0020	23 59	36 56	24 96	0 061		50313
OBS	0020	23 59	36 56	24 96			50313
STD	0030	22 82	36 48	25 13	0 090		50253
OBS	0030	22 82	36 48	25 13			50253
STD	0050	22 44	36 48	25 24	0 146		50232
OBS	0050	22 44	36 48	25 24			50232
STD	0075	20 82	36 16	25 44	0 213		50096
OBS	0075	20 82	36 16	25 44			50096
STD	0100	20 14	36 19	25 65	0. 275		50051
OBS	0100	20 14	36 19	25 65			50051
STD	0150	19 78	36 51	25 99	0 387		50058
OBS	0150	19 78	36 51	25 99			50058
STD	0200	21 13	37 40	26 30	0 484		50237
OBS	0200	21 13	37 40	26 30			50237
STD	0250	18 04	36 68	26 57	0 568		49958
OBS	0250	18 04	36 68	26 57			49958
STD	0300	16 09	36 34	26 77	0 642		49781
OBS	0300	16 09	36 34	26 77			49781
STD	0400	13 70	35 95	27 00	0 770		49571
OBS	0400	13 70	35 95	27 00			49571
STD	0500	12 35	35 76	27 13	0 882		49469
OBS	0544	11 88	35 70	27 17			49437
STD	0600	11 45	35 65	27 22	0 987		49416
OBS	0643	11 11	35 61	27 25			49399
STD	0800	09 71	35 51	27 41	1 173		49318
OBS	0841	09 42	35 48	27 44			49301
STD	1000	08 40	35 39	27 54	1 332		49259
OBS	1040	08 14	35 36	27 56			49247
STD	1200	07 12	35 25	27 62	1 474		49201
OBS	1238	06 87	35 22	27 63			49188
OBS	1436	05 54	35 08	27 69			49117

Consec. Sta. No. 171 — SURFACE OBSERVATIONS

NODC REF. NO.	STATION	DATE				POSITION		SONIC DEPTH UNCORRECTED	MAX. SAMPLE DEPTH
		MO.	DAY	YEAR	HOUR	LATITUDE	LONGITUDE		
00865	AS01	03	19	1961	20	25° 22′ N	057° 25′ E	0540	04

WIND		ANEMO. HGT	AIR PRESS.	AIR TEMPERATURE		HUMIDITY	WEATHER	CLOUD		SEA		SWELL		VIS	WATER	
SPEED	DIR.			DRY ↓	WET ↓			TYPE	AMT.	DIR.	AMT.	DIR.	AMT.		COL.	TRANS.
03	33		13	22 8			03	5	8	33	2			7		

SUBSURFACE OBSERVATIONS

	SAMPLE DEPTH (M)	T °C ↓	S °/₀₀ ↓	σ_t ↓	Σ Δ D ↓	O_2 ml/l ↓	V_t ↓
STD	0000	23 80	36 54	24 89	0 000		50318
OBS	0000	23 80	36 54	24 89			50318
STD	0010	23 80	36 53	24 88	0 031		50323
OBS	0010	23 80	36 53	24 88			50323
OBS	0019	23 77	36 53	24 89			50325
STD	0020	23 78	36 53	24 88	0 062		50327
OBS	0028	23 82	36 53	24 87			50334
STD	0030	23 82	36 53	24 87	0 093		50335
OBS	0047	23 81	36 53	24 88			50344
STD	0050	23 72	36 53	24 90	0 154		50338
OBS	0071	22 78	36 51	25 16			50273
STD	0075	22 43	36 51	25 26	0 227		50246
OBS	0095	21 09	36 16*	25 37*			
STD	0100	21 03	36 51	25 65	0 291		50141
OBS	0142	20 43	36 50	25 81			50111
STD	0150	20 31	36 57	25 89	0 405		50107
OBS	0190	19 62	36 77	26 23			50075
STD	0200	19 51	36 76	26 25	0 506		50070
OBS	0238	18 56	36 74	26 48			50002
STD	0250	17 87	36 62	26 56	0 591		49939
OBS	0286	16 17	36 34	26 76			49781
STD	0300	15 67	36 26	26 81	0 664		49735
OBS	0382	14 48	36 10	26 95			49650

Consec. Sta. No. 172 — SURFACE OBSERVATIONS

NODC REF. NO.	STATION	DATE				POSITION		SONIC DEPTH UNCORRECTED	MAX. SAMPLE DEPTH
		MO	DAY	YEAR	HOUR	LATITUDE	LONGITUDE		
00865	AS02	03	20	1961	09	25° 14′ N	058° 31′ E	0320	03

WIND		ANEMO. HGT	AIR PRESS.	AIR TEMPERATURE		HUMIDITY	WEATHER	CLOUD		SEA		SWELL		VIS.	WATER	
SPEED	DIR			DRY ↓	WET ↓			TYPE	AMT.	DIR	AMT.	DIR	AMT.		COL.	TRANS.
05	30		14	24 4			02	5	8	29	3			7		

SUBSURFACE OBSERVATIONS

	SAMPLE DEPTH (M)	T °C ↓	S °/₀₀ ↓	σ_t ↓	Σ Δ D	O_2 ml/l ↓	V_t ↓
STD	0000	23 81	36 56	24 90	0 000		50319
OBS	0000	23 81	36 56	24 90			50319
STD	0010	23 82	36 55	24 89	0 031		50325
OBS	0010	23 82	36 55	24 89			50325
STD	0020	23 31	36 54	25 03	0 061		50289
STD	0030	22 95	36 53	25 13	0 090		50265
OBS	0030	22 95	36 53	25 13			50265
STD	0050	22 74	36 54	25 20	0 146		50259
OBS	0055	22 67	36 54	25 22			50256
STD	0075	22 38	36 54	25 30	0 215		50243
OBS	0080	22 17	36 50	25 33			50227
STD	0100	20 60	36 16	25 50	0 281		50090
OBS	0105	20 34	36 12	25 54			50068
OBS	0130	19 83	36 16	25 71			50038
STD	0150	19 06	36 22	25 87	0 397		49981
OBS	0180	18 76	36 30	26 09			49972
STD	0200	19 86	36 84	26 22	0 496		50104
OBS	0230	20 51	37 30	26 40			50196
STD	0250	20 27	37 08	26 29	0 589		50177
STD	0300	17 35	36 69	26 74	0 670		49919
OBS	0310	16 36	36 41	26 77			49816

Consec. Sta. No. 173

SURFACE OBSERVATIONS

NODC REF. NO.	STATION	DATE				POSITION		SONIC DEPTH UNCORRECTED	MAX. SAMPLE DEPTH
		MO.	DAY	YEAR	HOUR	LATITUDE	LONGITUDE		
00865	AS05	03	20	1961	15	24° 29′ N	059° 35′ E	2468	04

WIND		ANEMO. HGT.	AIR PRESS.	AIR TEMPERATURE		HUMIDITY	WEATHER	CLOUD		SEA		SWELL		VIS.	WATER	
SPEED	DIR.			DRY ↓	WET ↓			TYPE	AMT.	DIR.	AMT	DIR.	AMT.		COL.	TRANS.
05	27		12	24 4			01	6	3	27	3			7		

SUBSURFACE OBSERVATIONS

	SAMPLE DEPTH (M)	T °C ↓	S °/₀₀ ↓	σ_t ↓	ΣΔD ↓	O_2 ml/l ↓	V_l ↓
STD	0000	23 93	36 53	24 84	0 000		50328
OBS	0000	23 93	36 53	24 84			50328
STD	0010	23 92	36 52	24 84	0 031		50332
OBS	0010	23 92	36 52	24 84			50332
STD	0020	23 82	36 52	24 86	0 062		50330
OBS	0020	23 82	36 52	24 86			50330
OBS	0029	23 74	36 51	24 88			50328
STD	0030	23 69	36 51	24 90	0 093		50324
OBS	0049	23 00	36 46	25 06			50277
STD	0050	22 99	36 46	25 06	0 153		50277
OBS	0073	22 76	36 46	25 13			50270
STD	0075	22 74	36 47	25 14	0 226		50270
OBS	0097	22 56	36 50	25 22			50268
STD	0100	22 38	36 46	25 24	0 296		50253
OBS	0146	20 28	36 08	25 53			50083
STD	0150	20 23	36 10	25 56	0 428		50082
OBS	0195	19 28	36 24	25 91			50026
STD	0200	19 04	36 23	25 97	0 543		50006
OBS	0244	17 43	36 12	26 29			49874
STD	0250	17 37	36 09	26 28	0 642		49870
OBS	0293	16 77	35 99	26 35			49831
STD	0300	16 65	36 01	26 39	0 731		49824
OBS	0391	14 39	36 30	27 12			49654

Consec. Sta. No. 174 — SURFACE OBSERVATIONS

NODC REF. NO.	STATION	DATE				POSITION		SONIC DEPTH UNCORRECTED	MAX. SAMPLE DEPTH
		MO.	DAY	YEAR	HOUR	LATITUDE	LONGITUDE		
00865	AS06	03	20	1961	20	24° 30′ N	060° 33′ E	2395	23

WIND		ANEMO. HGT.	AIR PRESS.	AIR TEMPERATURE		HUMIDITY	WEATHER	CLOUD		SEA		SWELL		VIS.	WATER	
SPEED	DIR.			DRY ↓	WET ↓			TYPE	AMT.	DIR.	AMT.	DIR	AMT.		COL.	TRANS.
08	27		12	23 9			01	6	2	27	3			7		

SUBSURFACE OBSERVATIONS

	SAMPLE DEPTH (M)	T °C ↓	S °/₀₀ ↓	σ_t ↓	$\Sigma \Delta D$ ↓	O_2 ml/l ↓	V_t ↓
STD	0000	24 16	36 52	24 76	0 000		50346
OBS	0000	24 16	36 52	24 76			50346
OBS	0009	24 20	36 51	24 74			50353
STD	0010	24 19	36 51	24 75	0 032		50353
OBS	0018	24 16	36 52	24 76			50355
STD	0020	24 17	36 52	24 76	0 064		50357
OBS	0028	24 20	36 52	24 75			50364
STD	0030	24 06	36 51	24 79	0 096		50354
OBS	0046	23 24	36 47	25 00			50295
STD	0050	23 17	36 46	25 01	0 158		50291
OBS	0070	22 86	36 44	25 09			50276
STD	0075	22 85	36 44	25 09	0 231		50278
OBS	0093	22 53	36 42	25 16			50261
STD	0100	22 02	36 31	25 23	0 302		50218
OBS	0140	19 64	35 93	25 58			50017
STD	0150	19 18	35 94	25 71	0 431		49981
OBS	0187	17 93	36 00	26 07			49887
STD	0200	17 81	36 04	26 13	0 538		49884
OBS	0235	17 32	36 14	26 33			49859
STD	0250	16 96	36 19	26 45	0 629		49834
OBS	0283	16 21	36 25	26 68			49780
STD	0300	15 85	36 20	26 72	0 706		49751
OBS	0380	14 29	36 00	26 92			49625
STD	0400	13 91	35 94	26 95	0 839		49593
OBS	0460	12 94	35 81	27 05			49515
STD	0500	12 51	35 76	27 10	0 956		49487
OBS	0552	12 00	35 70	27 15			49455
STD	0600	11 65	35 66	27 19	1 063		49440
OBS	0738	10 65	35 57	27 30			49395
STD	0800	10 20	35 54	27 36	1 258		49374
OBS	0924	09 28	35 47	27 46			49329
STD	1000	08 65	35 41	27 51	1 426		49290
OBS	1110	07 82	35 32	27 57			49243
STD	1200	07 28	35 26	27 60	1 573		49222
OBS	1395	06 14	35 14	27 67			49176
STD	1500	05 45	35 07	27 70	1 767		49140
OBS	1878	03 55	34 89	27 77			49084
STD	2000	03 12	34 85	27 78	2 035		49090
OBS	2318	02 45	34 81	27 80			49172

Consec. Sta. No. 175 — SURFACE OBSERVATIONS

NODC REF. NO.	STATION	DATE				POSITION		SONIC DEPTH UNCORRECTED	MAX. SAMPLE DEPTH
		MO.	DAY	YEAR	HOUR	LATITUDE	LONGITUDE		
00865	AS07	03	21	1961	03	24° 30′ N	061° 30′ E	1829	04

WIND		ANEMO. HGT.	AIR PRESS.	AIR TEMPERATURE		HUMIDITY	WEATHER	CLOUD		SEA		SWELL		VIS.	WATER	
SPEED	DIR.			DRY ↓	WET ↓			TYPE	AMT.	DIR.	AMT.	DIR.	AMT.		COL	TRANS.
07	25		12	25 0			03	6	3	27	3			7		

SUBSURFACE OBSERVATIONS

	SAMPLE DEPTH (M)	T °C ↓	S °/₀₀ ↓	σ_t ↓	Σ ΔD ↓	O_2 ml/l ↓	v_l ↓
STD	0000	24 82	36 54	24 58	0 000		50398
OBS	0000	24 82	36 54	24 58			50398
OBS	0009	24 85	36 53	24 56			50405
STD	0010	24 84	36 53	24 57	0 034		50404
OBS	0019	24 80	36 53	24 58			50406
STD	0020	24 66	36 52	24 61	0 067		50395
OBS	0028	23 76	36 47	24 84			50327
STD	0030	23 68	36 47	24 87	0 100		50322
OBS	0047	23 14	36 47	25 03			50288
STD	0050	23 11	36 47	25 04	0 160		50287
OBS	0071	22 87	36 42	25 07			50277
STD	0075	22 66	36 37	25 09	0 233		50260
OBS	0095	21 60	36 18	25 24			50174
STD	0100	21 27	36 15	25 31	0 304		50148
OBS	0143	19 16	36 02	25 78			49979
STD	0150	19 07	36 05	25 82	0 427		49975
OBS	0191	18 34	36 19	26 12			49935
STD	0200	18 08	36 20	26 19	0 531		49916
OBS	0239	17 08	36 22	26 45			49841
STD	0250	16 89	36 22	26 49	0 619		49829
OBS	0288	16 18	36 22	26 66			49779
STD	0300	15 94	36 21	26 71	0 696		49761
OBS	0386	14 09	35 96	26 93			49605

Consec. Sta. No. 176 — SURFACE OBSERVATIONS

NODC REF. NO.	STATION	DATE				POSITION		SONIC DEPTH UNCORRECTED	MAX. SAMPLE DEPTH
		MO.	DAY	YEAR	HOUR	LATITUDE	LONGITUDE		
00865	AS21	03	21	1961	08	23° 29′ N	061° 30′ E	3310	33

WIND		ANEMO. HGT.	AIR PRESS.	AIR TEMPERATURE		HUMIDITY	WEATHER	CLOUD		SEA		SWELL		VIS.	WATER	
SPEED	DIR.			DRY ↓	WET ↓			TYPE	AMT.	DIR.	AMT.	DIR.	AMT.		COL.	TRANS.
05	27		12	25 0			03	5	6	27	2					

SUBSURFACE OBSERVATIONS

	SAMPLE DEPTH (M)	T °C ↓	S °/₀₀ ↓	σ_t ↓	Σ ΔD ↓	O_2 ml/l ↓	v_t ↓
STD	0000	25 40	36 55	24 41	0 000		50443
OBS	0000	25 40	36 55	24 41			50443
STD	0010	25 14	36 54	24 48	0 035		50428
OBS	0010	25 14	36 54	24 48			50428
OBS	0019	23 76	36 47*	24 84*			
STD	0020	23 72	36 51	24 89	0 068		50321
OBS	0029	23 43	36 50	24 96			50302
STD	0030	23 42	36 50	24 97	0 098		50302
OBS	0048	23 14	36 50	25 05			50289
STD	0050	23 14	36 50	25 05	0 158		50290
OBS	0073	22 63	36 40	25 12			50257
STD	0075	22 48	36 37	25 14	0 230		50245
OBS	0097	20 99	36 08	25 34			50119
STD	0100	20 79	36 07	25 38	0 299		50103
OBS	0146	18 48	36 03	25 96			49918
STD	0150	18 43	36 06	25 99	0 417		49916
OBS	0195	17 68	36 30	26 36			49879
STD	0200	17 58	36 30	26 39	0 511		49872
OBS	0244	16 58	36 29	26 62			49798
STD	0250	16 40	36 27	26 65	0 591		49782
OBS	0293	15 22	36 14	26 82			49681
STD	0300	15 04	36 11	26 84	0 661		49665
OBS	0391	13 10	35 83	27 03			49496
STD	0400	13 00	35 82	27 05	0 784		49489
STD	0500	11 99	35 72	27 17	0 892		49427
OBS	0513	11 87	35 71	27 18			49420
STD	0600	11 20	35 65	27 26	0 992		49388
OBS	0608	11 14	35 64	27 27			49385
OBS	0799	09 77	35 53	27 42			49322
STD	0800	09 76	35 53	27 43	1 172		49322
OBS	0992	08 53	35 41	27 53			49271
STD	1000	08 46	35 40	27 54	1 331		49267
OBS	1185	06 98	35 25	27 64			49175
STD	1200	06 86	35 24	27 65	1 470		49167
OBS	1477	04 98	35 06	27 75			49064
STD	1500	04 86	35 05	27 75	1 646		49060
OBS	1967	03 06	34 88	27 81			49065
STD	2000	03 00	34 88	27 81	1 887		49075
STD	2500	02 29	34 82	27 83	2 100		49252
OBS	2558	02 23	34 81	27 82			49276
STD	3000	01 91	34 78	27 82	2 307		49480
OBS	3297	01 85	34 78	27 83			49640

Consec. Sta. No. 177 — SURFACE OBSERVATIONS

NODC REF. NO.	STATION	DATE				POSITION		SONIC DEPTH UNCORRECTED	MAX. SAMPLE DEPTH
		MO.	DAY	YEAR	HOUR	LATITUDE	LONGITUDE		
00865	AS25	03	21	1961	16	22° 30′ N	061° 31′ E	3292	04

WIND		ANEMO. HGT.	AIR PRESS.	AIR TEMPERATURE		HUMIDITY	WEATHER	CLOUD		SEA		SWELL		VIS.	WATER	
SPEED	DIR.			DRY ↓	WET ↓			TYPE	AMT.	DIR.	AMT.	DIR.	AMT.		COL.	TRANS.
03	03		13	25 6			03	4	6	03	1			7		

SUBSURFACE OBSERVATIONS

	SAMPLE DEPTH (M)	T °C ↓		S °/₀₀ ↓		σ_t ↓		$\Sigma \Delta D$ ↓	O_2 ml/l ↓	V_i ↓
STD	0000	26	18	36	50	24	13	0 000		50499
OBS	0000	26	18	36	50	24	13			50499
STD	0010	25	80	36	49	24	24	0 037		50476
OBS	0010	25	80	36	49	24	24			50476
STD	0020	25	61	36	48	24	29	0 074		50467
OBS	0020	25	61	36	48	24	29			50467
OBS	0029	24	80	36	41	24	49			50407
STD	0030	24	79	36	42	24	50	0 110		50407
OBS	0049	24	70	36	50	24	59			50413
STD	0050	24	68	36	50	24	59	0 178		50412
OBS	0074	23	90	36	41	24	76			50361
STD	0075	23	84	36	40	24	77	0 260		50356
OBS	0098	22	42	36	21	25	04			50246
STD	0100	22	27	36	18	25	06	0 338		50234
OBS	0148	19	58	35	83	25	52			50012
STD	0150	19	53	35	84	25	54	0 474		50009
OBS	0197	18	55	36	07	25	97			49953
STD	0200	18	50	36	09	26	00	0 589		49951
OBS	0247	17	88	36	30	26	31			49926
STD	0250	17	87	36	32	26	33	0 685		49927
OBS	0297	17	40	36	48	26	57			49914
STD	0300	17	35	36	48	26	58	0 769		49911
OBS	0397	14	28	35	94	26	87			49630

Consec. Sta. No. 178

SURFACE OBSERVATIONS

NODC REF. NO.	STATION	DATE				POSITION		SONIC DEPTH UNCORRECTED	MAX. SAMPLE DEPTH
		MO.	DAY	YEAR	HOUR	LATITUDE	LONGITUDE		
00865	AS41	03	21	1961	22	21° 26′ N	061° 30′ E	1737	17

WIND		ANEMO. HGT.	AIR PRESS.	AIR TEMPERATURE		HUMIDITY	WEATHER	CLOUD		SEA		SWELL		VIS.	WATER	
SPEED	DIR.			DRY ↓	WET ↓			TYPE	AMT.	DIR.	AMT.	DIR.	AMT.		COL.	TRANS.
02	13		11	25 6			02	4	2	13	2			7		

SUBSURFACE OBSERVATIONS

	SAMPLE DEPTH (M)	T °C ↓	S °/₀₀ ↓	σ_t ↓	Σ Δ D ↓	O_2 ml/l ↓	V_l ↓
STD	0000	26 04	36 37	24 07	0 000		50484
OBS	0000	26 04	36 37	24 07			50484
STD	0010	25 90	36 36	24 11	0 038		50479
OBS	0010	25 90	36 36	24 11			50479
STD	0020	25 08	36 31	24 33	0 075		50420
OBS	0020	25 08	36 31	24 33			50420
STD	0030	24 67	36 29	24 44	0 111		50393
OBS	0030	24 67	36 29	24 44			50393
STD	0050	24 18	36 33	24 61	0 180		50367
OBS	0050	24 18	36 33	24 61			50367
STD	0075	23 96	36 50	24 81	0 262		50370
OBS	0075	23 96	36 50	24 81			50370
STD	0100	22 98	36 48	25 08	0 338		50303
OBS	0100	22 98	36 48	25 08			50303
STD	0150	21 62	36 22	25 27	0 480		50207
OBS	0150	21 62	36 22	25 27			50207
STD	0200	20 13	36 08	25 57	0 612		50099
OBS	0200	20 13	36 08	25 57			50099
STD	0250	19 60	36 11	25 73	0 733		50080
OBS	0250	19 60	36 11	25 73			50080
STD	0300	17 47	35 96	26 15	0 842		49902
OBS	0300	17 47	35 96	26 15			49902
STD	0400	15 16	35 91	26 66	1 016		49723
OBS	0400	15 16	35 91	26 66			49723
STD	0500	13 73	35 88	26 94	1 155		49625
OBS	0543	13 24	35 85	27 02			49594
STD	0600	12 77	35 78	27 06	1 277		49570
OBS	0642	12 42	35 74	27 10			49552
STD	0800	10 97	35 60	27 27	1 494		49467
OBS	0840	10 63	35 57	27 30			49448
STD	1000	09 42	35 48	27 44	1 680		49387
OBS	1038	09 12	35 45	27 47			49370
STD	1200	07 72	35 30	27 57	1 839		49279
OBS	1236	07 45	35 27	27 59			49263
OBS	1435	06 24	35 14	27 65			49211
STD	1500	05 84	35 10	27 67	2 045		49193
OBS	1734	04 37	34 97	27 74			49119

Consec. Sta. No. 179

SURFACE OBSERVATIONS

NODC REF. NO.	STATION	DATE				POSITION		SONIC DEPTH UNCORRECTED	MAX SAMPLE DEPTH
		MO.	DAY	YEAR	HOUR	LATITUDE	LONGITUDE		
00865	AS40	03	22	1961	04	21° 27′ N	062° 28′ E	3475	04

WIND		ANEMO. HGT.	AIR PRESS.	AIR TEMPERATURE		HUMIDITY	WEATHER	CLOUD		SEA		SWELL		VIS.	WATER	
SPEED	DIR.			DRY ↓	WET ↓			TYPE	AMT.	DIR.	AMT.	DIR.	AMT.		COL.	TRANS.
01	23		14	29 4			03	4	3	23	1			7		

SUBSURFACE OBSERVATIONS

	SAMPLE DEPTH (M)	T °C ↓	S °/₀₀ ↓	σ_t ↓	ΣΔD ↓	O_2 ml/l ↓	V_l ↓
STD	0000	25 78	36 46	24 22	0 000		50468
OBS	0000	25 78	36 46	24 22			50468
STD	0010	25 76	36 46	24 23	0 037		50472
OBS	0010	25 76	36 46	24 23			50472
STD	0020	25 61	36 46	24 28	0 074		50466
OBS	0020	25 61	36 46	24 28			50466
STD	0030	25 19	36 39	24 35	0 110		50437
OBS	0030	25 19	36 39	24 35			50437
STD	0050	24 75	36 42	24 51	0 181		50415
OBS	0050	24 75	36 42	24 51			50415
STD	0075	23 94	36 36	24 71	0 265		50363
OBS	0075	23 94	36 36	24 71			50363
STD	0100	23 15	36 32	24 91	0 344		50311
OBS	0100	23 15	36 32	24 91			50311
STD	0150	20 80	36 06	25 37	0 488		50130
OBS	0150	20 80	36 06	25 37			50130
STD	0200	18 11	35 84	25 91	0 609		49904
OBS	0200	18 11	35 84	25 91			49904
STD	0250	18 04	36 33	26 30	0 709		49944
OBS	0250	18 04	36 33	26 30			49944
STD	0300	17 64	36 32	26 39	0 798		49932
OBS	0300	17 64	36 32	26 39			49932
STD	0400	14 24	35 88	26 83	0 953		49625
OBS	0400	14 24	35 88	26 83			49625

Consec. Sta. No. 180 — SURFACE OBSERVATIONS

NODC REF. NO.	STATION	DATE				POSITION		SONIC DEPTH UNCORRECTED	MAX. SAMPLE DEPTH
		MO.	DAY	YEAR	HOUR	LATITUDE	LONGITUDE		
00865	AS26	03	22	1961	10	22° 30′ N	062° 33′ E	3155	29

WIND		ANEMO. HGT.	AIR PRESS.	AIR TEMPERATURE		HUMIDITY	WEATHER	CLOUD		SEA		SWELL		VIS.	WATER	
SPEED	DIR.			DRY ↓	WET ↓			TYPE	AMT.	DIR.	AMT.	DIR.	AMT.		COL.	TRANS.
03	34		13	26 7			02	4	6	34	3			7		

SUBSURFACE OBSERVATIONS

	SAMPLE DEPTH (M)	T °C ↓	S °/₀₀ ↓	σ_t ↓	Σ Δ D ↓	O, ml/l ↓	v_l ↓
STD	0000	25 14	36 54	24 48	0 000		50422
OBS	0000	25 14	36 54	24 48	•		50422
OBS	0009	24 63	36 50	24 61			50386
STD	0010	24 60	36 49	24 61	0 034		50384
OBS	0019	24 19	36 43	24 69			50355
STD	0020	24 12	36 42	24 70	0 067		50350
OBS	0028	23 62	36 34	24 79			50311
STD	0030	23 54	36 33	24 80	0 099		50305
OBS	0047	23 02	36 28	24 92			50271
STD	0050	22 97	36 31	24 95	0 161		50269
OBS	0070	22 70	36 45	25 14			50263
STD	0075	22 65	36 45	25 15	0 235		50262
OBS	0093	22 49	36 47	25 21			50259
STD	0100	22 06	36 36	25 25	0 305		50223
OBS	0140	19 98	35 97	25 52			50049
STD	0150	19 56	35 98	25 64	0 434		50017
OBS	0188	18 36	36 01	25 97			49928
STD	0200	18 30	36 14	26 09	0 544		49934
OBS	0235	17 71	36 33	26 38			49904
STD	0250	17 09	36 25	26 47	0 636		49849
OBS	0282	15 97	36 11	26 63			49750
STD	0300	15 59	36 06	26 67	0 714		49719
OBS	0378	14 22	35 90	26 85			49612
STD	0400	13 92	35 87	26 89	0 852		49591
OBS	0480	13 04	35 78	27 01			49535
STD	0500	12 90	35 77	27 03	0 975		49530
OBS	0560	12 47	35 74	27 09			49514
STD	0600	12 19	35 71	27 12	1 089		49503
OBS	0722	11 28	35 62	27 22			49462
STD	0800	10 61	35 58	27 32	1 295		49424
OBS	0885	09 95	35 53	27 39			49390
STD	1000	09 19	35 46	27 47	1 473		49359
OBS	1052	08 83	35 43	27 50			49342
STD	1200	07 67	35 30	27 58	1 629		49273
OBS	1307	06 89	35 22	27 63			49229
STD	1500	05 58	35 09	27 70	1 828		49158
OBS	1755	04 18	34 96	27 76			49105
STD	2000	03 29	34 88	27 78	2 098		49115
OBS	2301	02 50	34 81	27 80			49170
STD	2500	02 15	34 78	27 81	2 323		49231
OBS	2867	01 88	34 76	27 81			49399

Consec. Sta. No. 181

SURFACE OBSERVATIONS

NODC REF. NO.	STATION	DATE				POSITION		SONIC DEPTH UNCORRECTED	MAX. SAMPLE DEPTH
		MO.	DAY	YEAR	HOUR	LATITUDE	LONGITUDE		
00865	AS20	03	22	1961	19	23° 30′ N	062° 30′ E	3054	04

WIND		ANEMO. HGT.	AIR PRESS.	AIR TEMPERATURE		HUMIDITY	WEATHER	CLOUD		SEA		SWELL		VIS.	WATER	
SPEED	DIR.			DRY ↓	WET ↓			TYPE	AMT.	DIR.	AMT.	DIR.	AMT.		COL.	TRANS.
06	15		14	25 0			02	4	8	15	4			7		

SUBSURFACE OBSERVATIONS

	SAMPLE DEPTH (M)	T °C ↓	S °/₀₀ ↓	σ_t ↓	Σ ΔD ↓	O_2 ml/l ↓	V_l ↓
STD	0000	25 17	36 51	24 45	0 000		50424
OBS	0000	25 17	36 51	24 45			50424
STD	0010	25 21	36 51	24 44	0 035		50432
OBS	0010	25 21	36 51	24 44			50432
STD	0020	24 71	36 50	24 58	0 069		50399
OBS	0020	24 71	36 50	24 58			50399
STD	0030	23 90	36 48	24 81	0 102		50340
OBS	0030	23 90	36 48	24 81			50340
STD	0050	23 10	36 46	25 03	0 163		50286
OBS	0050	23 10	36 46	25 03			50286
STD	0075	22 02	36 26	25 19	0 235		50202
OBS	0075	22 02	36 26	25 19			50202
STD	0100	20 88	36 04	25 34	0 304		50110
OBS	0100	20 88	36 04	25 34			50110
STD	0150	18 62	36 28	26 11	0 420		49943
OBS	0150	18 62	36 28	26 11			49943
STD	0200	18 16	36 17	26 15	0 518		49922
OBS	0200	18 16	36 17	26 15			49922
STD	0250	17 48	36 42	26 50	0 607		49894
OBS	0250	17 48	36 42	26 50			49894
STD	0300	15 38	36 07	26 73	0 683		49698
OBS	0300	15 38	36 07	26 73			49698
STD	0400	14 28	35 99	26 91	0 817		49634
OBS	0400	14 28	35 99	26 91			49634

Consec. Sta. No. 182 SURFACE OBSERVATIONS

NODC REF. NO.	STATION	DATE				POSITION		SONIC DEPTH UNCORRECTED	MAX. SAMPLE DEPTH
		MO.	DAY	YEAR	HOUR	LATITUDE	LONGITUDE		
00865	AS08	03	22	1961	24	24° 28′ N	062° 26′ E	2377	23

WIND		ANEMO. HGT.	AIR PRESS.	AIR TEMPERATURE		HUMIDITY	WEATHER	CLOUD		SEA		SWELL		VIS.	WATER	
SPEED	DIR.			DRY	WET			TYPE	AMT.	DIR.	AMT.	DIR.	AMT.		COL.	TRANS.
11	31		12	23 9			03	4	6	31	3			7		

SUBSURFACE OBSERVATIONS

	SAMPLE DEPTH (M)	T °C	S °/₀₀	σ_t	$\Sigma \Delta D$	O_2 ml/l	V_t
STD	0000	24 45	36 53	24 68	0 000		50369
OBS	0000	24 45	36 53	24 68			50369
OBS	0009	24 44	36 53	24 69			50373
STD	0010	24 44	36 53	24 69	0 033		50373
OBS	0019	24 40	36 53	24 70			50375
STD	0020	24 27	36 53	24 74	0 065		50365
OBS	0028	23 44	36 51	24 97			50303
STD	0030	23 39	36 51	24 98	0 096		50300
OBS	0046	23 10	36 49	25 05			50285
STD	0050	23 08	36 49	25 06	0 155		50285
OBS	0070	23 00	36 48	25 07			50289
STD	0075	23 00	36 48	25 07	0 229		50292
OBS	0093	23 00	36 46	25 06			50301
STD	0100	22 93	36 44	25 06	0 302		50298
OBS	0140	21 86	36 26	25 23			50224
STD	0150	21 08	36 11	25 34	0 443		50157
OBS	0187	19 14	35 90	25 69			49996
STD	0200	19 05	36 11	25 87	0 566		50003
OBS	0235	18 82	36 40	26 15			50011
STD	0250	17 96	36 31	26 30	0 667		49935
OBS	0282	16 43	36 16	26 56			49798
STD	0300	15 94	36 11	26 63	0 750		49757
OBS	0378	14 35	35 94	26 86			49628
STD	0400	14 15	35 93	26 89	0 890		49618
OBS	0452	13 64	35 89	26 97			49590
STD	0500	13 06	35 82	27 03	1 013		49550
OBS	0542	12 60	35 76	27 08			49519
STD	0600	12 06	35 71	27 15	1 125		49488
OBS	0724	11 04	35 61	27 26			49435
STD	0800	10 58	35 58	27 32	1 328		49421
OBS	0906	09 84	35 52	27 40			49388
STD	1000	09 03	35 44	27 48	1 505		49338
OBS	1097	08 24	35 36	27 54			49290
STD	1200	07 43	35 27	27 59	1 658		49241
STD	1500	05 41	35 07	27 70	1 853		49135
OBS	1564	05 05	35 03	27 71			49120
STD	2000	03 19	34 86	27 78	2 120		49100
OBS	2298	02 53	34 81	27 80			49172

Consec. Sta. No. 183

SURFACE OBSERVATIONS

NODC REF. NO.	STATION	DATE				POSITION		SONIC DEPTH UNCORRECTED	MAX. SAMPLE DEPTH
		MO.	DAY	YEAR	HOUR	LATITUDE	LONGITUDE		
00865	AS09	03	23	1961	06	24° 30′ N	063° 30′ E	2560	03

WIND		ANEMO. HGT.	AIR PRESS.	AIR TEMPERATURE		HUMIDITY	WEATHER	CLOUD		SEA		SWELL		VIS.	WATER	
SPEED	DIR.			DRY ↓	WET ↓			TYPE	AMT.	DIR.	AMT.	DIR.	AMT.		COL.	TRANS.
08	31		15	23 9			02	1	4	31	3			7		

SUBSURFACE OBSERVATIONS

	SAMPLE DEPTH (M)	T °C ↓	S °/₀₀ ↓	σ_t ↓	Σ ΔD ↓	O_2 ml/l ↓	V_t ↓
STD	0000	24 68	36 50	24 59	0 000		50385
OBS	0000	24 68	36 50	24 59			50385
STD	0010	24 67	36 50	24 60	0 034		50390
OBS	0011	24 67	36 50	24 60			50391
STD	0020	23 90	36 49	24 82	0 066		50335
OBS	0021	23 83	36 49	24 84			50330
STD	0030	23 27	36 47	24 99	0 097		50289
OBS	0032	23 18	36 47	25 02			50283
OBS	0046	22 90	36 45	25 08			50267
STD	0050	22 87	36 45	25 09	0 156		50266
OBS	0065	22 75	36 45	25 12			50265
STD	0075	22 67	36 44	25 14	0 228		50263
OBS	0083	22 56	36 42	25 16			50258
STD	0100	22 13	36 33	25 21	0 299		50228
OBS	0120	21 52	36 23	25 31			50183
STD	0150	20 33	36 08	25 52	0 432		50090
OBS	0157	20 12	36 06	25 56			50074
OBS	0195	19 39	36 00	25 70			50027
STD	0200	19 05	36 05	25 83	0 551		50000
OBS	0234	17 12	36 30	26 50			49846
STD	0250	16 42	36 26	26 64	0 645		49784
STD	0300	15 10	36 10	26 81	0 716		49671
OBS	0319	14 95	36 11	26 86			49666

Consec. Sta. No. 184 — SURFACE OBSERVATIONS

NODC REF. NO.	STATION	DATE				POSITION		SONIC DEPTH UNCORRECTED	MAX. SAMPLE DEPTH
		MO.	DAY	YEAR	HOUR	LATITUDE	LONGITUDE		
00865	AS19	03	23	1961	12	23° 27′ N	063° 35′ E	2268	21

WIND		ANEMO. HGT.	AIR PRESS.	AIR TEMPERATURE		HUMIDITY	WEATHER	CLOUD		SEA		SWELL		VIS.	WATER	
SPEED	DIR.			DRY ↓	WET ↓			TYPE	AMT.	DIR.	AMT.	DIR.	AMT.		COL.	TRANS.
09	30		10	25 0			02	1	5	30	3			7		

SUBSURFACE OBSERVATIONS

	SAMPLE DEPTH (M)	T °C ↓	S ‰ ↓	σ_t ↓	Σ Δ D ↓	O_2 ml/l ↓	v_1 ↓
STD	0000	24 76	36 55	24 61	0 000		50394
OBS	0000	24 76	36 55	24 61			50394
STD	0010	24 78	36 54	24 59	0 034		50400
OBS	0010	24 78	36 54	24 59			50400
OBS	0019	24 69	36 54	24 62			50398
STD	0020	24 68	36 54	24 62	0 067		50398
OBS	0029	24 64	36 53	24 63			50399
STD	0030	24 53	36 52	24 65	0 100		50391
OBS	0048	23 11	36 44	25 01			50285
STD	0050	23 08	36 44	25 02	0 163		50283
OBS	0071	22 68	36 40	25 11			50260
STD	0075	22 58	36 37	25 11	0 236		50253
OBS	0095	22 05	36 25	25 17			50215
STD	0100	21 92	36 22	25 19	0 308		50206
OBS	0143	20 57	36 05	25 43			50106
STD	0150	20 14	36 00	25 51	0 442		50070
OBS	0190	18 52	35 96	25 89			49942
STD	0200	18 49	36 09	26 00	0 557		49950
OBS	0238	18 39	36 41	26 27			49973
STD	0250	18 04	36 43	26 37	0 653		49948
OBS	0286	17 03	36 44	26 63			49870
STD	0300	16 61	36 38	26 68	0 734		49834
OBS	0383	14 51	36 05	26 91			49652
STD	0400	14 16	35 98	26 93	0 870		49621
OBS	0429	13 63	35 89	26 97			49576
STD	0500	12 81	35 78	27 05	0 990		49521
OBS	0517	12 63	35 76	27 07			49509
STD	0600	11 93	35 69	27 16	1 101		49473
OBS	0694	11 19	35 62	27 24			49436
STD	0800	10 42	35 56	27 33	1 301		49401
OBS	0873	09 90	35 52	27 39			49378
STD	1000	09 03	35 44	27 48	1 476		49338
OBS	1052	08 67	35 40	27 50			49321
STD	1200	07 57	35 28	27 58	1 631		49259
OBS	1325	06 70	35 19	27 63			49213
STD	1500	05 58	35 08	27 69	1 831		49158
OBS	1782	04 04	34 94	27 76			49100
STD	2000	03 08	34 86	27 79	2 099		49085
OBS	2150	02 53	34 81	27 80			49089

Consec. Sta. No. 185 SURFACE OBSERVATIONS

NODC REF. NO.	STATION	DATE				POSITION		SONIC DEPTH UNCORRECTED	MAX. SAMPLE DEPTH
		MO.	DAY	YEAR	HOUR	LATITUDE	LONGITUDE		
00865	AS27	03	23	1961	18	22° 30′ N	063° 30′ E	2377	04

WIND		ANEMO. HGT.	AIR PRESS.	AIR TEMPERATURE		HUMIDITY	WEATHER	CLOUD		SEA		SWELL		VIS.	WATER	
SPEED	DIR.			DRY ↓	WET ↓			TYPE	AMT.	DIR.	AMT.	DIR.	AMT.		COL.	TRANS.
06	32		12	23 9			02	4	2	32	4			7		

SUBSURFACE OBSERVATIONS

	SAMPLE DEPTH (M) ↓	T °C ↓	S °/₀₀ ↓	σ_t ↓	Σ ΔD ↓	O_2 ml/l ↓	v_t ↓
STD	0000	25 54	36 36	24 22	0 000		50446
OBS	0000	25 54	36 36	24 22			50446
STD	0010	25 55	36 36	24 22	0 037		50452
OBS	0010	25 55	36 36	24 22			50452
STD	0020	25 00	36 32	24 36	0 074		50414
OBS	0020	25 00	36 32	24 36			50414
OBS	0029	24 02	36 28	24 62			50341
STD	0030	23 97	36 28	24 64	0 108		50338
OBS	0049	23 30	36 23	24 80			50293
STD	0050	23 29	36 23	24 80	0 173		50292
OBS	0073	23 04	36 30	24 93			50287
STD	0075	23 04	36 30	24 93	0 251		50288
OBS	0098	22 82	36 28	24 98			50282
STD	0100	22 76	36 26	24 98	0 327		50277
OBS	0148	20 97	35 94	25 24			50140
STD	0150	20 84	35 93	25 26	0 472		50129
OBS	0197	18 34	35 84	25 85			49924
STD	0200	18 24	35 84	25 87	0 597		49917
OBS	0247	17 02	35 92	26 23			49828
STD	0250	17 00	35 94	26 25	0 698		49828
OBS	0297	16 57	36 11	26 49			49818
STD	0300	16 53	36 11	26 49	0 786		49816
OBS	0397	14 84	36 05	26 83			49694

Consec. Sta. No. 186 — SURFACE OBSERVATIONS

NODC REF. NO.	STATION	DATE				POSITION		SONIC DEPTH UNCORRECTED	MAX. SAMPLE DEPTH
		MO.	DAY	YEAR	HOUR	LATITUDE	LONGITUDE		
00865	AS39	03	24	1961	00	21° 33′ N	063° 32′ E	3237	32

WIND		ANEMO. HGT.	AIR PRESS.	AIR TEMPERATURE		HUMIDITY	WEATHER	CLOUD		SEA		SWELL		VIS.	WATER	
SPEED	DIR.			DRY ↓	WET ↓			TYPE	AMT.	DIR.	AMT.	DIR.	AMT.		COL	TRANS
06	29		11	23 3			00		0	29				7		

SUBSURFACE OBSERVATIONS

	SAMPLE DEPTH (M)	T °C ↓	S °/₀₀ ↓	σ_t ↓	Σ Δ D ↓	O_2 ml/l ↓	v_l ↓
STD	0000	25 76	36 42	24 20	0 000		50465
OBS	0000	25 76	36 42	24 20			50465
STD	0010	25 77	36 42	24 20	0 037		50471
OBS	0010	25 77	36 42	24 20			50471
STD	0020	25 65	36 42	24 23	0 075		50467
OBS	0020	25 65	36 42	24 23			50467
OBS	0029	23 84	36 26	24 66			50326
STD	0030	23 81	36 26	24 67	0 110		50324
OBS	0049	23 42	36 30	24 82			50305
STD	0050	23 41	36 30	24 82	0 174		50305
OBS	0074	23 17	36 33	24 91			50299
STD	0075	23 17	36 34	24 92	0 252		50300
OBS	0098	23 16	36 46	25 01			50316
STD	0100	23 00	36 42	25 03	0 328		50303
OBS	0148	19 70	35 80	25 47			50022
STD	0150	19 58	35 80	25 50	0 466		50012
OBS	0197	17 62	35 85	26 03			49856
STD	0200	17 62	35 88	26 06	0 580		49859
OBS	0247	17 12	36 17	26 40			49847
STD	0250	17 01	36 16	26 42	0 673		49838
OBS	0297	15 58	36 07	26 68			49717
STD	0300	15 52	36 06	26 69	0 752		49712
OBS	0397	13 86	35 89	26 92			49584
STD	0400	13 81	35 88	26 92	0 887		49580
STD	0500	12 53	35 73	27 07	1 007		49487
OBS	0510	12 42	35 72	27 08			49480
STD	0600	11 66	35 65	27 18	1 116		49440
OBS	0602	11 64	35 65	27 18			49439
OBS	0789	10 38	35 56	27 34			49390
STD	0800	10 31	35 55	27 35	1 313		49388
OBS	0978	09 09	35 45	27 48			49334
STD	1000	08 92	35 44	27 49	1 485		49325
OBS	1168	07 66	35 33	27 60			49255
STD	1200	07 44	35 30	27 61	1 634		49244
OBS	1456	05 81	35 11	27 68			49165
STD	1500	05 53	35 08	27 70	1 827		49151
OBS	1942	03 37	34 87	27 77			49093
STD	2000	03 22	34 86	27 77	2 098		49104
STD	2500	02 23	34 78	27 80	2 328		49242
OBS	2529	02 19	34 78	27 80			49252
STD	3000	01 75	34 75	27 81	2 539		49455
OBS	3168	01 70	34 75	27 82			49544

Consec. Sta. No. 187 — SURFACE OBSERVATIONS

NODC REF. NO.	STATION	DATE				POSITION		SONIC DEPTH UNCORRECTED	MAX. SAMPLE DEPTH
		MO.	DAY	YEAR	HOUR	LATITUDE	LONGITUDE		
00865	AS38	03	24	1961	07	21° 31′ N	064° 30′ E	3292	04

WIND		ANEMO. HGT.	AIR PRESS.	AIR TEMPERATURE		HUMIDITY	WEATHER	CLOUD		SEA		SWELL		VIS.	WATER	
SPEED	DIR.			DRY ↓	WET ↓			TYPE	AMT.	DIR.	AMT.	DIR.	AMT.		COL.	TRANS.
07	33		12	25 0			02	1	2	33	3			7		

SUBSURFACE OBSERVATIONS

	SAMPLE DEPTH (M)	T °C ↓	S °/₀₀ ↓	σ_t ↓	$-\Sigma\Delta D$ ↓	O_2 ml/l ↓	v_l ↓
STD	0000	25 94	36 28	24 04	0 000		50473
OBS	0000	25 94	36 28	24 04			50473
OBS	0009	25 94	36 28	24 04			50478
STD	0010	25 72	36 26	24 09	0 039		50461
OBS	0018	24 33	36 14	24 43			50355
STD	0020	24 14	36 11	24 46	0 075		50340
OBS	0027	23 62	36 06	24 58			50300
STD	0030	23 56	36 09	24 62	0 109		50298
OBS	0046	23 25	36 18	24 78			50285
STD	0050	23 14	36 18	24 81	0 175		50278
OBS	0069	22 84	36 17	24 89			50264
STD	0075	22 91	36 25	24 93	0 252		50276
OBS	0092	22 95	36 40	25 03			50294
STD	0100	22 91	36 39	25 03	0 328		50294
OBS	0138	21 83	36 23	25 22			50219
STD	0150	20 76	36 04	25 37	0 469		50126
OBS	0184	18 50	35 76	25 75			49929
STD	0200	18 00	35 81	25 91	0 590		49893
OBS	0230	17 24	35 94	26 20			49841
STD	0250	16 97	36 10	26 38	0 688		49832
OBS	0277	16 53	36 23	26 59			49808
STD	0300	16 08	36 17	26 65	0 769		49773
OBS	0370	14 32	36 00	26 91			49623

Consec. Sta. No. 188

SURFACE OBSERVATIONS

NODC REF. NO.	STATION	DATE				POSITION		SONIC DEPTH UNCORRECTED	MAX. SAMPLE DEPTH
		MO.	DAY	YEAR	HOUR	LATITUDE	LONGITUDE		
00865	AS37	03	24	1961	13	21° 28′ N	065° 29′ E	2688	21

WIND		ANEMO. HGT.	AIR PRESS.	AIR TEMPERATURE		HUMIDITY	WEATHER	CLOUD		SEA		SWELL		VIS.	WATER	
SPEED	DIR.			DRY ↓	WET ↓			TYPE	AMT.	DIR.	AMT.	DIR	AMT.		COL.	TRANS.
04	28		10	26 7			02	1	2	28	3			7		

SUBSURFACE OBSERVATIONS

	SAMPLE DEPTH (M)	T °C ↓	S °/₀₀ ↓	σ_t ↓	ΣΔD ↓	O_2 ml/l ↓	v_l ↓
STD	0000	25 79	36 22	24 04	0 000		50460
OBS	0000	25 79	36 22	24 04			50460
OBS	0009	25 80	36 21	24 03			50465
STD	0010	25 79	36 21	24 03	0 039		50465
OBS	0019	25 75	36 21	24 04			50467
STD	0020	25 62	36 21	24 09	0 078		50458
OBS	0029	24 54	36 16	24 38			50378
STD	0030	24 42	36 14	24 40	0 115		50368
OBS	0048	23 06	36 00	24 69			50264
STD	0050	23 09	36 02	24 70	0 183		50268
OBS	0073	23 38	36 20	24 75			50311
STD	0075	23 40	36 21	24 75	0 264		50314
OBS	0097	23 46	36 32	24 82			50335
STD	0100	23 41	36 32	24 83	0 344		50332
OBS	0146	22 65	36 28	25 02			50294
STD	0150	22 40	36 22	25 05	0 498		50273
OBS	0196	19 74	35 80	25 46			50051
STD	0200	19 52	35 81	25 52	0 635		50034
OBS	0245	17 42	35 93	26 14			49866
STD	0250	17 25	35 95	26 20	0 747		49853
OBS	0295	15 84	36 07	26 62			49742
STD	0300	15 70	36 06	26 65	0 832		49730
OBS	0394	13 65	35 84	26 93			49557
STD	0400	13 58	35 83	26 93	0 969		49553
OBS	0495	12 57	35 72	27 05			49489
STD	0500	12 52	35 72	27 06	1 088		49486
OBS	0594	11 65	35 64	27 17			49435
STD	0600	11 60	35 64	27 18	1 197		49433
OBS	0792	10 20	35 53	27 35			49370
STD	0800	10 15	35 53	27 36	1 392		49368
OBS	0992	08 87	35 43	27 50			49314
STD	1000	08 82	35 42	27 50	1 562		49312
OBS	1190	07 63	35 28	27 57			49261
STD	1200	07 55	35 27	27 57	1 715		49256
OBS	1489	05 52	35 08	27 70			49143
STD	1500	05 45	35 07	27 70	1 914		49140
STD	2000	03 20	34 86	27 78	2 183		49101
OBS	2088	02 96	34 84	27 78			49116

Consec. Sta. No. 189 — SURFACE OBSERVATIONS

NODC REF. NO.	STATION	DATE				POSITION		SONIC DEPTH UNCORRECTED	MAX. SAMPLE DEPTH
		MO.	DAY	YEAR	HOUR	LATITUDE	LONGITUDE		
00865	AS29	03	24	1961	20	22° 25′ N	065° 30′ E	2286	04

WIND		ANEMO. HGT.	AIR PRESS.	AIR TEMPERATURE		HUMIDITY	WEATHER	CLOUD		SEA		SWELL		VIS.	WATER	
SPEED	DIR.			DRY ↓	WET ↓			TYPE	AMT.	DIR.	AMT.	DIR.	AMT.		COL.	TRANS.
05	26		10	25 0			01		0	26	3			7		

SUBSURFACE OBSERVATIONS

	SAMPLE DEPTH (M)	T °C ↓	S °/₀₀ ↓	σ_t ↓	Σ Δ D ↓	O_2 ml/l ↓	V_t ↓
STD	0000	25 12	36 36	24 35	0 000		50414
OBS	0000	25 12	36 36	24 35			50414
STD	0010	25 14	36 36	24 35	0 036		50421
OBS	0010	25 14	36 36	24 35			50421
STD	0020	25 11	36 37	24 36	0 072		50425
OBS	0020	25 11	36 37	24 36			50425
OBS	0029	25 14	36 35	24 34			50431
STD	0030	25 05	36 36	24 37	0 108		50425
OBS	0049	23 72	36 41	24 81			50333
STD	0050	23 68	36 40	24 82	0 175		50330
OBS	0074	22 87	36 24	24 93			50271
STD	0075	22 84	36 24	24 94	0 253		50270
OBS	0098	22 18	36 14	25 05			50223
STD	0100	22 11	36 14	25 07	0 327		50219
OBS	0148	20 22	36 98*	26 23*			
STD	0150	20 12	36 15	25 62	0 462		50074
OBS	0196	18 16	36 96*	26 75*			
STD	0200	18 07	36 17	26 17	0 570		49913
OBS	0246	16 91	36 18	26 46			49827
STD	0250	16 79	36 18	26 49	0 659		49817
OBS	0296	15 49	36 13	26 75			49710
STD	0300	15 39	36 12	26 77	0 735		49701
OBS	0395	13 58	35 89	26 98			49553

Consec. Sta. No. 190 — SURFACE OBSERVATIONS

NODC REF. NO.	STATION	DATE				POSITION		SONIC DEPTH UNCORRECTED	MAX. SAMPLE DEPTH
		MO.	DAY	YEAR	HOUR	LATITUDE	LONGITUDE		
00865	AS28	03	25	1961	02	22° 26′ N	064° 27′ E	2615	25

WIND		ANEMO. HGT.	AIR PRESS.	AIR TEMPERATURE		HUMIDITY	WEATHER	CLOUD		SEA		SWELL		VIS.	WATER	
SPEED	DIR.			DRY ↓	WET ↓			TYPE	AMT.	DIR.	AMT.	DIR.	AMT.		COL.	TRANS.
06	32		10	24 4			01		0	32	3			7		

SUBSURFACE OBSERVATIONS

	SAMPLE DEPTH (M)	T °C ↓	S °/₀₀ ↓	σ_t ↓	Σ ΔD ↓	O_2 ml/l ↓	V_l ↓
STD	0000	25 28	36 43	24 36	0 000		50429
OBS	0000	25 28	36 43	24 36			50429
STD	0010	25 28	36 43	24 36	0 036		50434
OBS	0010	25 28	36 43	24 36			50434
STD	0020	23 92	36 42	24 76	0 070		50334
OBS	0020	23 92	36 42	24 76			50334
OBS	0029	23 59	36 44	24 87			50313
STD	0030	23 55	36 44	24 88	0 101		50310
OBS	0049	23 04	36 43	25 03			50279
STD	0050	23 03	36 43	25 03	0 162		50279
OBS	0074	22 80	36 41	25 08			50272
STD	0075	22 80	36 41	25 08	0 235		50273
OBS	0098	22 75	36 38	25 07			50280
STD	0100	22 74	36 38	25 07	0 308		50280
OBS	0148	22 43	36 36	25 15			50280
STD	0150	22 39	36 35	25 15	0 454		50277
OBS	0198	20 69	36 10	25 43			50148
STD	0200	20 52	36 07	25 46	0 591		50133
OBS	0247	17 72	35 83	25 99			49892
STD	0250	17 72	35 87	26 02	0 708		49895
OBS	0297	17 41	36 33	26 45			49909
STD	0300	17 34	36 33	26 47	0 802		49904
OBS	0397	15 22	36 15	26 83			49737
STD	0400	15 14	36 14	26 84	0 952		49730
OBS	0478	13 47	35 89	27 00			49585
STD	0500	13 16	35 85	27 04	1 078		49562
OBS	0574	12 21	35 73	27 13			49492
STD	0600	11 96	35 70	27 16	1 190		49476
OBS	0766	10 50	35 56	27 32			49392
STD	0800	10 28	35 54	27 34	1 390		49384
OBS	0958	09 17	35 44	27 45			49332
STD	1000	08 83	35 41	27 49	1 562		49312
OBS	1151	07 66	35 29	27 57			49244
STD	1200	07 27	35 25	27 60	1 713		49220
OBS	1440	05 56	35 09	27 70			49122
STD	1500	05 19	35 05	27 71	1 904		49104
OBS	1924	03 18	34 86	27 78			49056
STD	2000	02 93	34 84	27 79	2 161		49063
STD	2500	02 11	34 78	27 81	2 381		49225
OBS	2512	02 11	34 78	27 81			49232

Consec. Sta. No. 191 — SURFACE OBSERVATIONS

NODC REF. NO.	STATION	DATE				POSITION		SONIC DEPTH UNCORRECTED	MAX. SAMPLE DEPTH
		MO.	DAY	YEAR	HOUR	LATITUDE	LONGITUDE		
00865	AS18	03	25	1961	09	23° 30′ N	064° 30′ E	2395	04

WIND		ANEMO. HGT.	AIR PRESS.	AIR TEMPERATURE		HUMIDITY	WEATHER	CLOUD		SEA		SWELL		VIS.	WATER	
SPEED	DIR			DRY ↓	WET ↓			TYPE	AMT.	DIR.	AMT.	DIR.	AMT.		COL.	TRANS.
06	30		12	25 6			00		0	30	2			.7		

SUBSURFACE OBSERVATIONS

	SAMPLE DEPTH (M)	T °C ↓	S °/₀₀ ↓	σ_t ↓	Σ Δ D ↓	O_2 ml/l ↓	v_t ↓
STD	0000	25 48	36 45	24 31	0 000		50445
OBS	0000	25 48	36 45	24 31			50445
STD	0010	25 25	36 45	24 38	0 036		50433
OBS	0010	25 25	36 45	24 38			50433
STD	0020	25 12	36 48	24 44	0 071		50429
OBS	0020	25 12	36 48	24 44			50429
OBS	0029	24 44	36 44	24 62			50380
STD	0030	24 39	36 44	24 63	0 105		50377
OBS	0049	23 57	36 41	24 86			50321
STD	0050	23 56	36 41	24 86	0 170		50321
OBS	0073	22 97	36 38	25 01			50284
STD	0075	22 88	36 36	25 02	0 246		50277
OBS	0097	21 84	36 16	25 16			50195
STD	0100	21 65	36 14	25 20	0 319		50180
OBS	0146	19 22	35 91	25 68			49981
STD	0150	19 05	35 91	25 72	0 447		49968
OBS	0195	17 62	35 93	26 10			49858
STD	0200	17 57	35 96	26 13	0 555		49857
OBS	0244	17 06	36 16	26 41			49840
STD	0250	16 98	36 18	26 44	0 646		49836
OBS	0293		36 24				
STD	0300	16 23	36 24	26 66	0 725		49791
OBS	0391	14 44	36 01	26 89			49647

Consec. Sta. No. 192 SURFACE OBSERVATIONS

NODC REF. NO.	STATION	DATE				POSITION		SONIC DEPTH UNCORRECTED	MAX. SAMPLE DEPTH
		MO.	DAY	YEAR	HOUR	LATITUDE	LONGITUDE		
00865	AS17	03	25	1961	14	23° 28′ N	065° 31′ E	1353	13

WIND		ANEMO. HGT.	AIR PRESS.	AIR TEMPERATURE		HUMIDITY	WEATHER	CLOUD		SEA		SWELL		VIS.	WATER	
SPEED	DIR.			DRY	WET			TYPE	AMT.	DIR.	AMT.	DIR.	AMT.		COL.	TRANS.
04	31		11	24 4			00		0	31	3			7		

SUBSURFACE OBSERVATIONS

	SAMPLE DEPTH (M)	T °C	S °/₀₀	σ_t	$\Sigma \Delta D$	O_2 ml/l	V_l
STD	0000	24 50	36 44	24 60	0 000		50369
OBS	0000	24 50	36 44	24 60			50369
OBS	0009	24 50	36 42	24 59			50373
STD	0010	24 45	36 42	24 60	0 033		50370
OBS	0018	24 18	36 42	24 68			50353
STD	0020	24 18	36 42	24 68	0 067		50354
OBS	0027	24 18	36 42	24 68			50358
STD	0030	23 99	36 41	24 73	0 099		50344
OBS	0045	23 20	36 38	24 94			50288
STD	0050	23 02	36 36	24 98	0 162		50275
OBS	0067	22 61	36 33	25 07			50250
STD	0075	22 59	36 33	25 08	0 236		50252
OBS	0089	22 54	36 33	25 09			50256
STD	0100	22 49	36 33	25 11	0 308		50258
OBS	0134	22 32	36 34	25 16			50262
STD	0150	22 13	36 21	25 12	0 454		50250
OBS	0180	21 15					
STD	0200	19 57	36 12	25 75	0 585		50050
OBS	0225	18 15	36 04	26 05			49929
STD	0250	17 67	36 22	26 30	0 688		49904
OBS	0271	17 19	36 31	26 49			49873
STD	0300	15 93	36 16	26 67	0 770		49758
OBS	0365	14 11	35 96	26 92			49596
STD	0400	13 74	35 94	26 99	0 904		49575
OBS	0405	13 68	35 93	26 99			49570
OBS	0486	12 66	35 79	27 09			49497
STD	0500	12 52	35 77	27 10	1 019		49488
STD	0600	11 58	35 67	27 21	1 125		49432
OBS	0654	11 14	35 62	27 25			49409
STD	0800	10 21	35 55	27 36	1 317		49376
OBS	0826	10 02	35 53	27 38			49367
STD	1000	08 61	35 39	27 51	1 485		49285
OBS	1005	08 58	35 39	27 51			49284
STD	1200	07 52	35 28	27 59	1 635		49253
OBS	1286	07 22	35 25	27 60			49261

Consec. Sta. No. 193 SURFACE OBSERVATIONS

NODC REF. NO.	STATION	DATE				POSITION		SONIC DEPTH UNCORRECTED	MAX. SAMPLE DEPTH
		MO.	DAY	YEAR	HOUR	LATITUDE	LONGITUDE		
00865	AS10	03	25	1961	22	24° 25′ N	064° 27′ E	3063	04

WIND		ANEMO. HGT.	AIR PRESS.	AIR TEMPERATURE		HUMIDITY	WEATHER	CLOUD		SEA		SWELL		VIS.	WATER	
SPEED	DIR.			DRY ↓	WET ↓			TYPE	AMT.	DIR.	AMT.	DIR.	AMT.		COL.	TRANS.
05	30		11	23 9			03	8	2	30	3			7		

SUBSURFACE OBSERVATIONS

	SAMPLE DEPTH (M)	T °C ↓	S °/₀₀ ↓	σ_t ↓	Σ ΔD ↓	O, ml/l ↓	v_t ↓
STD	0000	24 74	36 50	24 57	0 000		50390
OBS	0000	24 74	36 50	24 57			50390
STD	0010	24 74	36 50	24 57	0 034		50396
OBS	0010	24 74	36 50	24 57			50396
STD	0020	24 65	36 50	24 60	0 067		50394
OBS	0020	24 65	36 50	24 60			50394
OBS	0029	24 61	36 48	24 60			50395
STD	0030	24 54	36 47	24 61	0 101		50390
OBS	0049	23 46	36 41	24 89			50312
STD	0050	23 43	36 41	24 90	0 165		50310
OBS	0074	22 92	36 47	25 09			50284
STD	0075	22 92	36 47	25 09	0 240		50285
OBS	0098	22 60	36 45	25 17			50270
STD	0100	22 50	36 43	25 18	0 312		50262
OBS	0148	20 42	36 10	25 51			50098
STD	0150	20 35	36 09	25 52	0 446		50092
OBS	0198	18 76	36 06	25 91			49973
STD	0200	18 71	36 07	25 93	0 563		49970
OBS	0247	17 56	36 26	26 36			49894
STD	0250	17 50	36 26	26 38	0 660		49889
OBS	0297	16 52	36 29	26 64			49820
STD	0300	16 46	36 29	26 65	0 741		49816
OBS	0397	14 42	36 03	26 91			49649

Consec. Sta. No. 194 — SURFACE OBSERVATIONS

NODC REF. NO.	STATION	DATE				POSITION		SONIC DEPTH UNCORRECTED	MAX. SAMPLE DEPTH
		MO	DAY	YEAR	HOUR	LATITUDE	LONGITUDE		
00865	AS11	03	26	1961	03	24° 30′ N	065° 30′ E	2195	21

WIND		ANEMO. HGT.	AIR PRESS.	AIR TEMPERATURE		HUMIDITY	WEATHER	CLOUD		SEA		SWELL		VIS.	WATER	
SPEED	DIR.			DRY ↓	WET ↓			TYPE	AMT.	DIR.	AMT.	DIR.	AMT.		COL.	TRANS.
05	28		12	24 4			00		0	28	3			7		

SUBSURFACE OBSERVATIONS

	SAMPLE DEPTH (M)	T °C ↓	S °/₀₀ ↓	σ_t ↓	ΣΔD ↓	O_2 ml/l ↓	V_t ↓
STD	0000	24 49	36 41	24 58	0 000		50367
OBS	0000	24 49	36 41	24 58			50367
OBS	0009	24 52	36 41	24 57			50375
STD	0010	24 52	36 41	24 57	0 034		50375
OBS	0019	24 50	36 41	24 58			50378
STD	0020	24 38	36 42	24 62	0 067		50370
OBS	0029	23 48	36 47	24 93			50305
STD	0030	23 43	36 46	24 93	0 099		50301
OBS	0048	22 73	36 33	25 04			50249
STD	0050	22 73	36 34	25 05	0 159		50251
OBS	0072	22 63	36 37	25 10			50256
STD	0075	22 61	36 37	25 10	0 232		50256
OBS	0087	22 48	36 36	25 13			50251
STD	0100	22 28	36 29	25 14	0 304		50239
OBS	0146	21 24	36 16	25 33			50170
STD	0150	21 11	36 17	25 37	0 443		50162
OBS	0194	19 60	36 22	25 82			50054
STD	0200	19 41	36 25	25 89	0 564		50041
OBS	0243	17 87	36 34	26 35			49924
STD	0250	17 50	36 31	26 42	0 662		49891
OBS	0292	15 68	36 14	26 71			49727
STD	0300	15 55	36 13	26 74	0 740		49718
OBS	0391	14 06	35 98	26 95			49606
STD	0400	13 88	35 95	26 96	0 871		49590
OBS	0476	12 63	35 77	27 08			49487
STD	0500	12 39	35 74	27 11	0 987		49472
OBS	0571	11 74	35 68	27 19			49435
STD	0600	11 52	35 67	27 22	1 092		49425
OBS	0714	10 68	35 61	27 33			49387
STD	0800	10 11	35 57	27 40	1 280		49365
OBS	0906	09 40	35 51	27 47			49335
STD	1000	08 77	35 44	27 52	1 444		49307
OBS	1097	08 12	35 37	27 57			49276
STD	1200	07 36	35 30	27 62	1 589		49234
OBS	1385	06 14	35 18	27 70			49173
STD	1500	05 47	35 10	27 72	1 778		49144
OBS	1778		34 96				
STD	2000	03 30	34 90	27 80	2 038		49117
OBS	2076	03 08	34 89	27 81			49129

Consed. Sta. No. 195

SURFACE OBSERVATIONS

NODC REF. NO.	STATION	DATE				POSITION		SONIC DEPTH UNCORRECTED	MAX. SAMPLE DEPTH
		MO.	DAY	YEAR	HOUR	LATITUDE	LONGITUDE		
00865	AS12	03	26	1961	10	25° 05′ N	066° 15′ E	0080	01

WIND		ANEMO. HGT.	AIR PRESS.	AIR TEMPERATURE		HUMIDITY	WEATHER	CLOUD		SEA		SWELL		VIS.	WATER	
SPEED	DIR.			DRY ↓	WET ↓			TYPE	AMT.	DIR.	AMT.	DIR.	AMT.		COL.	TRANS.
05	23		11	30 0			00		0	23	2			7		

SUBSURFACE OBSERVATIONS

	SAMPLE DEPTH (M)	T °C ↓	S °/₀₀ ↓	σ_t ↓	Σ ΔD ↓	O_2 ml/l ↓	V_l ↓
STD	0000	25 10	36 41	24 40	0 000		50414
OBS	0000	25 10	36 41	24 40			50414
STD	0010	24 26	36 40	24 64	0 034		50354
OBS	0010	24 26	36 40	24 64			50354
STD	0020	24 19	36 37	24 64	0 067		50353
OBS	0020	24 19	36 37	24 64			50353
STD	0030	24 18	36 36	24 64	0 101		50357
OBS	0030	24 18	36 36	24 64			50357
OBS	0040	23 88	36 33	24 70			50338
STD	0050	23 02	36 24	24 89	0 165		50271
OBS	0050	23 02	36 24	24 89			50271
OBS	0060	23 00	36 25	24 90			50275
OBS	0070	22 98	36 25	24 91			50279
STD	0075	22 94	36 24	24 91	0 242		50278
OBS	0075	22 94	36 24	24 91			50278

Consec. Sta. No. 196

SURFACE OBSERVATIONS

NODC REF. NO.	STATION	DATE				POSITION		SONIC DEPTH UNCORRECTED	MAX. SAMPLE DEPTH
		MO.	DAY	YEAR	HOUR	LATITUDE	LONGITUDE		
00865	AS13	03	26	1961	13	24° 30′ N	066° 30′ E	0070	01

WIND		ANEMO. HGT.	AIR PRESS.	AIR TEMPERATURE		HUMIDITY	WEATHER	CLOUD		SEA		SWELL		VIS.	WATER	
SPEED	DIR.			DRY ↓	WET ↓			TYPE	AMT.	DIR.	AMT.	DIR.	AMT.		COL.	TRANS.
06	25		09	25 0			00		0	25	2			7		

SUBSURFACE OBSERVATIONS

	SAMPLE DEPTH (M)	T °C ↓	S °/₀₀ ↓	σ_t ↓	Σ ΔD ↓	O_2 ml/l ↓	V_l ↓
STD	0000	24 54	36 29	24 48	0 000		50367
OBS	0000	24 54	36 29	24 48			50367
OBS	0005	24 51	36 33	24 52			50369
STD	0010	24 26	36 31	24 58	0 034		50351
OBS	0015	24 11	36 29	24 60			50341
STD	0020	24 10	36 29	24 61	0 068		50343
OBS	0025	24 10	36 29	24 61			50346
STD	0030	24 03	36 28	24 62	0 101		50343
OBS	0035	23 84	36 26	24 66			50329
OBS	0045	23 10	36 17	24 81			50272
STD	0050	23 09	36 18	24 82	0 166		50274
OBS	0055	23 08	36 18	24 82			50276
OBS	0065	23 04	36 19	24 84			50279

Consec. Sta. No. 197 — SURFACE OBSERVATIONS

NODC REF. NO.	STATION	DATE				POSITION		SONIC DEPTH UNCORRECTED	MAX. SAMPLE DEPTH
		MO.	DAY	YEAR	HOUR	LATITUDE	LONGITUDE		
00865	AS16	03	28	1961	08	23° 30′ N	066° 30′ E	0128	01

WIND		ANEMO. HGT.	AIR PRESS.	AIR TEMPERATURE		HUMIDITY	WEATHER	CLOUD		SEA		SWELL		VIS.	WATER	
SPEED	DIR.			DRY ↓	WET ↓			TYPE	AMT.	DIR.	AMT.	DIR	AMT.		COL.	TRANS.
06	31		13	25 0			03	2	3	31	3			7		

SUBSURFACE OBSERVATIONS

	SAMPLE DEPTH (M)	T °C ↓	S °/₀₀ ↓	σ_t ↓	Σ ΔD ↓	O_2 ml/l ↓	v_l ↓
STD	0000	25 54	36 41	24 26	0 000		50448
OBS	0000	25 54	36 41	24 26			50448
STD	0010	25 34	36 40	24 31	0 036		50438
OBS	0010	25 34	36 40	24 31			50438
STD	0020	25 01	36 37	24 39	0 072		50417
OBS	0020	25 01	36 37	24 39			50417
STD	0030	24 13	36 37	24 66	0 107		50354
OBS	0030	24 13	36 37	24 66			50354
OBS	0039	23 80	36 35	24 74			50332
OBS	0049	23 62	36 41	24 84			50325
STD	0050	23 61	36 41	24 84	0 171		50325
OBS	0069	23 2*	36 36	24 90			50307
STD	0075	23 19	36 36	24 93	0 248		50303
OBS	0089	22 85	36 36	25 03			50282
STD	0100	22 47	36 30	25 09	0 323		50255
OBS	0108	22 14	36 26	25 15			50230
OBS	0123		36 20				

Consec. Sta. No. 198 — SURFACE OBSERVATIONS

NODC REF. NO.	STATION	DATE				POSITION		SONIC DEPTH UNCORRECTED	MAX. SAMPLE DEPTH
		MO.	DAY	YEAR	HOUR	LATITUDE	LONGITUDE		
00865	AS30	03	28	1961	14	22° 31′ N	066° 24′ E	1390	13

WIND		ANEMO. HGT.	AIR PRESS.	AIR TEMPERATURE		HUMIDITY	WEATHER	CLOUD		SEA		SWELL		VIS.	WATER	
SPEED	DIR.			DRY ↓	WET ↓			TYPE	AMT.	DIR.	AMT.	DIR.	AMT.		COL.	TRANS.
05	33		12	25 0			02		0	33	1			7		

SUBSURFACE OBSERVATIONS

	SAMPLE DEPTH (M)	T °C ↓	S °/₀₀ ↓	σ_t ↓	Σ Δ D ↓	O_2 ml/l ↓	V_t ↓
STD	0000	25 71	36 31	24 13	0 000		50457
OBS	0000	25 71	36 31	24 13			50457
STD	0010	25 64	36 30	24 15	0 038		50457
OBS	0010	25 64	36 30	24 15			50457
STD	0020	24 48	36 25	24 46	0 074		50371
OBS	0020	24 48	36 25	24 46			50371
OBS	0029	23 78	36 24	24 66			50321
STD	0030	23 80	36 26	24 67	0 108		50324
OBS	0049	23 89	36 48	24 81			50349
STD	0050	23 85	36 47	24 82	0 173		50346
OBS	0074	23 14	36 33	24 92			50297
STD	0075	23 14	36 34	24 93	0 250		50298
OBS	0098	22 98	36 42	25 04			50300
STD	0100	22 92	36 40	25 04	0 326		50296
OBS	0148	21 05	36 05	25 30			50151
STD	0150	20 92	36 04	25 33	0 468		50140
OBS	0197	18 33	36 00	25 97			49930
STD	0200	18 22	36 01	26 01	0 588		49921
OBS	0247	16 67	36 12	26 47			49801
STD	0250	16 58	36 12	26 49	0 680		49794
OBS	0296	15 34	36 06	26 73			49691
STD	0300	15 26	36 05	26 74	0 756		49685
OBS	0396	13 66	35 91	26 98			49563
STD	0400	13 60	35 90	26 98	0 886		49558
OBS	0488	12 51	35 76	27 10			49480
STD	0500	12 41	35 75	27 11	1 001		49475
OBS	0586	11 69	35 69	27 20			49438
STD	0600	11 58	35 68	27 22	1 106		49432
OBS	0684	10 94	35 61	27 28			49401
OBS	0782	10 21	35 58	27 39			49367
STD	0800	10 08	35 57	27 40	1 294		49361
OBS	0978	08 78	35 44	27 52			49296
STD	1000	08 62	35 42	27 53	1 457		49287
OBS	1176	07 30	35 29	27 62			49212
STD	1200	07 11	35 27	27 64	1 599		49200
OBS	1324	06 07	35 18	27 71			49130

Consec. Sta. No. 199 — SURFACE OBSERVATIONS

NODC REF. NO.	STATION	DATE				POSITION		SONIC DEPTH UNCORRECTED	MAX. SAMPLE DEPTH
		MO.	DAY	YEAR	HOUR	LATITUDE	LONGITUDE		
00865	AS36	03	28	1961	20	21° 30′ N	066° 30′ E	2140	04

WIND		ANEMO. HGT.	AIR PRESS.	AIR TEMPERATURE		HUMIDITY	WEATHER	CLOUD		SEA		SWELL		VIS.	WATER	
SPEED	DIR.			DRY ↓	WET ↓			TYPE	AMT.	DIR.	AMT.	DIR.	AMT.		COL.	TRANS.
03	33		12	24 4			02		0	33	1			7		

SUBSURFACE OBSERVATIONS

	SAMPLE DEPTH (M)	T °C ↓	S °/₀₀ ↓	σ_t ↓	$\Sigma \Delta D$ ↓	O_2 ml/l ↓	V_l ↓
STD	0000	25 67	36 38	24 20	0 000		50457
OBS	0000	25 67	36 38	24 20			50457
STD	0010	25 68	36 37	24 19	0 037		50462
OBS	0010	25 68	36 37	24 19			50462
STD	0020	25 49	36 36	24 24	0 075		50453
OBS	0020	25 49	36 36	24 24			50453
STD	0030	24 40	36 32	24 54	0 110		50373
OBS	0030	24 40	36 32	24 54			50373
STD	0050	23 58	36 32	24 78	0 176		50319
OBS	0050	23 58	36 32	24 78			50319
STD	0075	23 26	36 40	24 94	0 254		50310
OBS	0075	23 26	36 40	24 94			50310
STD	0100	22 78	36 33	25 02	0 330		50281
OBS	0100	22 78	36 33	25 02			50281
STD	0150	20 66	35 92	25 30	0 473		50113
OBS	0150	20 66	35 92	25 30			50113
STD	0200	18 35	35 82	25 83	0 597		49926
OBS	0200	18 35	35 82	25 83			49926
STD	0250	16 64	35 93	26 33	0 698		49792
OBS	0250	16 64	35 93	26 33			49792
STD	0300	15 65	35 93	26 56	0 782		49720
OBS	0300	15 65	36 10*	26 69*			
STD	0400	13 98	35 94	26 94	0 923		49600
OBS	0400	13 98	35 94	26 94			49600

Consec. Sta. No. 200 — SURFACE OBSERVATIONS

NODC REF. NO.	STATION	DATE				POSITION		SONIC DEPTH UNCORRECTED	MAX. SAMPLE DEPTH
		MO.	DAY	YEAR	HOUR	LATITUDE	LONGITUDE		
00865	AS35	03	29	1961	01	21° 33′ N	067° 31′ E	2012	04

WIND		ANEMO. HGT.	AIR PRESS.	AIR TEMPERATURE		HUMIDITY	WEATHER	CLOUD		SEA		SWELL		VIS.	WATER	
SPEED	DIR.			DRY ↓	WET ↓			TYPE	AMT.	DIR.	AMT.	DIR.	AMT.		COL.	TRANS.
06	32		11	23 9			00		0	32	3			7		

SUBSURFACE OBSERVATIONS

	SAMPLE DEPTH (M)	T °C ↓	S °/₀₀ ↓	σ_t ↓	ΣΔD ↓	O_2 ml/l ↓	V_t ↓
STD	0000	25 92	36 17	23 96	0 000		50468
OBS	0000	25 92	36 17	23 96			50468
STD	0010	25 96	36 16	23 94	0 040		50476
OBS	0010	25 96	36 16	23 94			50476
OBS	0019	25 93	36 16	23 95			50478
STD	0020	25 88	36 16	23 97	0 079		50475
OBS	0028	25 40	36 14	24 10			50443
STD	0030	25 21	36 13	24 15	0 118		50429
OBS	0046	24 08	36 10	24 47			50348
STD	0050	24 02	36 12	24 50	0 191		50347
OBS	0070	23 80	36 20	24 63			50343
STD	0075	23 80	36 19	24 62	0 276		50345
OBS	0092	23 68	36 67*	25 02*			
STD	0100	23 57	36 17	24 67	0 359		50340
OBS	0139	22 46	36 13	24 96			50269
STD	0150	21 80	36 04	25 08	0 516		50216
OBS	0185	19 93	35 87	25 46			50065
STD	0200	19 20	35 89	25 67	0 649		50008
OBS	0232	17 93	35 93	26 02			49908
STD	0250	17 48	35 95	26 14	0 759		49875
OBS	0279	16 73	35 98	26 35			49819
STD	0300	16 16	35 97	26 47	0 849		49773
OBS	0374	14 03	35 93	26 92			49591

Consec. Sta. No. 201 — SURFACE OBSERVATIONS

NODC REF. NO.	STATION	DATE				POSITION		SONIC DEPTH UNCORRECTED	MAX. SAMPLE DEPTH
		MO.	DAY	YEAR	HOUR	LATITUDE	LONGITUDE		
00865	AS34	03	29	1961	07	21° 30′ N	068° 30′ E	0091	01

WIND		ANEMO. HGT.	AIR PRESS.	AIR TEMPERATURE		HUMIDITY	WEATHER	CLOUD		SEA		SWELL		VIS.	WATER	
SPEED	DIR.			DRY ↓	WET ↓			TYPE	AMT.	DIR.	AMT.	DIR.	AMT.		COL	TRANS
05	35		13	25 6			00		0	35	2			7		

SUBSURFACE OBSERVATIONS

	SAMPLE DEPTH (M)	T °C ↓	S °/₀₀ ↓	σ_t ↓	ΣΔD ↓	O_2 ml/l ↓	V_t ↓
STD	0000	25 72	36 00	23 90	0 000		50447
OBS	0000	25 72	36 00	23 90			50447
STD	0010	25 58	35 99	23 93	0 040		50441
OBS	0010	25 58	35 99	23 93			50441
STD	0020	25 54	35 99	23 94	0 080		50443
OBS	0020	25 54	35 99	23 94			50443
STD	0030	25 51	35 98	23 95	0 120		50446
OBS	0030	25 51	35 98	23 95			50446
OBS	0040	25 31	35 95	23 98			50435
STD	0050	24 71	35 89	24 12	0 198		50392
OBS	0050	24 71	35 89	24 12			50392
OBS	0060	24 34	35 96	24 29			50371
STD	0075	23 95	35 90	24 36	0 291		50346
OBS	0075	23 95	35 90	24 36			50346
OBS	0090	23 65	36 01	24 53			50335

Consec. Sta. No. 202 — SURFACE OBSERVATIONS

NODC REF. NO.	STATION	DATE				POSITION		SONIC DEPTH UNCORRECTED	MAX SAMPLE DEPTH
		MO.	DAY	YEAR	HOUR	LATITUDE	LONGITUDE		
00865	AS33	03	29	1961	12	21° 30′ N	069° 30′ E	0040	00

WIND		ANEMO. HGT.	AIR PRESS.	AIR TEMPERATURE		HUMIDITY	WEATHER	CLOUD		SEA		SWELL		VIS.	WATER	
SPEED	DIR.			DRY ↓	WET ↓			TYPE	AMT.	DIR.	AMT.	DIR.	AMT.		COL.	TRANS.
09	30		09	26 7			03	1	6	30	3			7		

SUBSURFACE OBSERVATIONS

	SAMPLE DEPTH (M)	T °C ↓	S °/₀₀ ↓	σ_t ↓	Σ ΔD ↓	O_2 ml/l ↓	V_l ↓
STD	0000	24 58	35 98	24 23	0 000		50358
OBS	0000	24 58	35 98	24 23			50358
STD	0010	24 52	35 97	24 24	0 037		50359
OBS	0010	24 52	35 97	24 24			50359
STD	0020	24 22	36 00	24 35	0 073		50342
OBS	0020	24 22	36 00	24 35			50342
STD	0030	24 22	35 96	24 32	0 109		50346
OBS	0030	24 22	35 96	24 32			50346
OBS	0035	24 23	35 95	24 31			50349

Consec. Sta. No. 203 — SURFACE OBSERVATIONS

NODC REF. NO	STATION	DATE				POSITION		SONIC DEPTH UNCORRECTED	MAX. SAMPLE DEPTH
		MO.	DAY	YEAR	HOUR	LATITUDE	LONGITUDE		
00865	AS32	03	29	1961	07	22° 30′ N	068° 30′ E	0022	00

WIND		ANEMO. HGT.	AIR PRESS.	AIR TEMPERATURE		HUMID-ITY	WEATHER	CLOUD		SEA		SWELL		VIS.	WATER	
SPEED	DIR			DRY ↓	WET ↓			TYPE	AMT.	DIR.	AMT.	DIR.	AMT.		COL.	TRANS.
04	35		13	26 7			03	5	4	35	2			7		

SUBSURFACE OBSERVATIONS

	SAMPLE DEPTH (M)	T °C ↓	S °/₀₀ ↓	σ_t ↓	Σ ΔD ↓	O_2 ml/l ↓	V_l ↓
STD	0000	25 07	36 44	24 43	0 000		50413
OBS	0000	25 07	36 44	24 43			50413
OBS	0005	24 70	36 44	24 54			50387
STD	0010	24 60	36 44	24 57	0 034		50382
OBS	0010	24 60	36 44	24 57			50382
OBS	0015	24 64	36 44	24 56			50388
STD	0020	24 63	36 44	24 56	0 068		50390
OBS	0020	24 63	36 44	24 56			50390

Consec. Sta. No. 204 — SURFACE OBSERVATIONS

NODC REF. NO.	STATION	DATE				POSITION		SONIC DEPTH UNCORRECTED	MAX. SAMPLE DEPTH
		MO.	DAY	YEAR	HOUR	LATITUDE	LONGITUDE		
00865	AS14	03	30	1961	10	23° 14′ N	068° 17′ E	0018	00

WIND		ANEMO. HGT	AIR PRESS.	AIR TEMPERATURE		HUMID-ITY	WEATHER	CLOUD		SEA		SWELL		VIS.	WATER	
SPEED	DIR			DRY ↓	WET ↓			TYPE	AMT.	DIR	AMT	DIR	AMT.		COL.	TRANS.
08	31		10	25 6			03	4	6	31	2			7		

SUBSURFACE OBSERVATIONS

	SAMPLE DEPTH (M)	T °C ↓	S °/₀₀ ↓	σ_t ↓	Σ ΔD ↓	O_2 ml/l ↓	V_l ↓
STD	0000	25 00	36 15	24 23	0 000		50397
OBS	0000	25 00	36 15	24 23			50397
OBS	0005	24 98	36 16	24 24			50399
STD	0010	24 65	36 16	24 34	0 036		50376
OBS	0010	24 65	36 16	24 34			50376
OBS	0015	24 64	36 15	24 34			50378

Consec. Sta. No. 205

SURFACE OBSERVATIONS

NODC REF. NO.	STATION	DATE				POSITION		SONIC DEPTH UNCORRECTED	MAX. SAMPLE DEPTH
		MO.	DAY	YEAR	HOUR	LATITUDE	LONGITUDE		
00865	AS31	03	30	1961	15	22° 30′ N	067° 30′ E	0111	01

WIND		ANEMO. HGT.	AIR PRESS.	AIR TEMPERATURE		HUMIDITY	WEATHER	CLOUD		SEA		SWELL		VIS.	WATER	
SPEED	DIR.			DRY ↓	WET ↓			TYPE	AMT.	DIR.	AMT.	DIR.	AMT.		COL.	TRANS.
04	24		10	23 9			00		0	24	2			7		

SUBSURFACE OBSERVATIONS

	SAMPLE DEPTH (M)	T °C ↓	S °/₀₀ ↓	σt ↓	Σ ΔD ↓	O₂ ml/l ↓	Vt ↓
STD	0000	26 26					
OBS	0000	26 26	38 52*	25 63*			
STD	0010	26 16	36 22	23 92			
OBS	0010	26 16	36 22	23 92			
STD	0020	26 08	36 24	23 96			
OBS	0020	26 08	36 24	23 96			
STD	0030	25 06	36 21	24 26			
OBS	0030	25 06	36 21	24 26			
OBS	0040	24 68	36 32	24 46			
STD	0050	24 44	36 33	24 54			
OBS	0050	24 44	36 33	24 54			
OBS	0060	24 04	36 29	24 63			
STD	0075	23 33	36 15	24 73			
OBS	0075	23 33	36 15	24 73			
OBS	0090	23 54*	36 36	24 83*			
STD	0100		36 35				
OBS	0105	18 33*	36 35	26 24*			

Consec. Sta. No. 206

SURFACE OBSERVATIONS

NODC REF. NO.	STATION	DATE				POSITION		SONIC DEPTH UNCORRECTED	MAX. SAMPLE DEPTH
		MO.	DAY	YEAR	HOUR	LATITUDE	LONGITUDE		
00865	AS15	03	31	1961	06	23° 24′ N	067° 32′ E	0024	00

WIND		ANEMO. HGT.	AIR PRESS.	AIR TEMPERATURE		HUMIDITY	WEATHER	CLOUD		SEA		SWELL		VIS.	WATER	
SPEED	DIR.			DRY ↓	WET ↓			TYPE	AMT.	DIR.	AMT.	DIR	AMT.		COL.	TRANS.
08	32		11	24 4			03	8	2	28	3			7		

SUBSURFACE OBSERVATIONS

	SAMPLE DEPTH (M)	T °C ↓	S °/₀₀ ↓	σt ↓	Σ ΔD ↓	O₂ ml/l ↓	Vt ↓
STD	0000	24 74	36 19	24 34	0 000		50379
OBS	0000	24 74	36 19	24 34			50379
OBS	0005	24 72	36 18	24 34			50379
STD	0010	24 61	36 18	24 37	0 036		50374
OBS	0010	24 61	36 18	24 37			50374
OBS	0015	24 59	36 18	24 38			50375
STD	0020	24 57	36 18	24 38	0 071		50376
OBS	0020	24 57	36 18	24 38			50376

APPENDIX B

CURRENT DATA

Cruise 00658
Cruise 00865

PERSIAN GULF

AND

STRAIT OF HORMUZ

1960 and 1961

(See Figures 1, 2, and 3, for station locations and ship's tracks)

CURRENTS

Current measurements were made at seven locations in the upper Persian Gulf, seven locations in the lower Persian Gulf, and eight locations in the Strait of Hormuz. Figure B-1 (appendix B) shows the station locations and the current directions. Figures B-2 through B-7 show the current data in the upper Persian Gulf during 1960; Figures B-8 through B-19 show current data in the lower Persian Gulf and the Strait of Hormuz during 1961.

Time of observation, direction, and speed of the current flow are indicated by an arrow on a horizontal time line. Direction is shown by the clockwise angle the arrow makes with vertical and the length of the arrow indicates the current velocity.

In the upper Persian Gulf, low velocities were usually recorded at high and low tide; velocities decreased slightly with depth at all stations. Current direction was the same at all depths except at station 23 in the south where the surface, mid-depth, and bottom currents (during a 6-hour period) were moving in a 330°, 270°, and 225° direction, respectively.

In the lower Persian Gulf, when currents at northern stations (numbers 5, 13, 22) moved in a northwest direction, currents at southern stations (numbers 9 and 18) flowed to the south; when the tide changed the current reversed and moved in the opposite direction. Velocities generally decreased slightly from surface to bottom. At stations 7 and 20, the direction was not consistent, and at times, the measurements at the three depths differed considerably in direction and speed.

In the Strait of Hormuz, water flowed into the Persian Gulf during flood and out during ebb. At stations 29 and 30, velocities decreased with depth; at stations 34, 35, and 36, surface, mid-depth, and bottom currents generally were not in phase, and at times water at one level was moving in opposite directions to that in other levels. At station 33, currents were considerably stronger than at station 34. In general, velocity decreased with depth, and direction showed water flowing into Clarence Strait during high tide and in the opposite direction during low tide. At station 40, current speed decreased with depth; direction was north during flood and south during ebb.

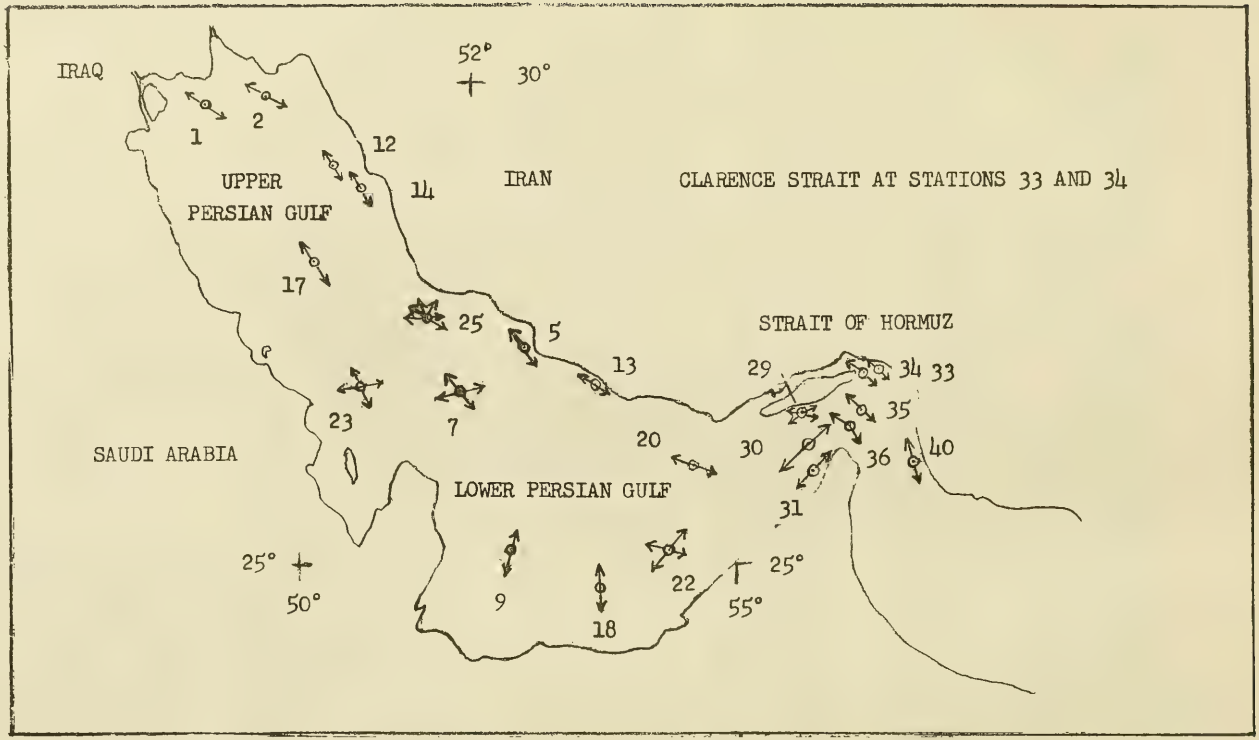


FIGURE B-1. CURRENT STATIONS SHOWING DIRECTION OF FLOW

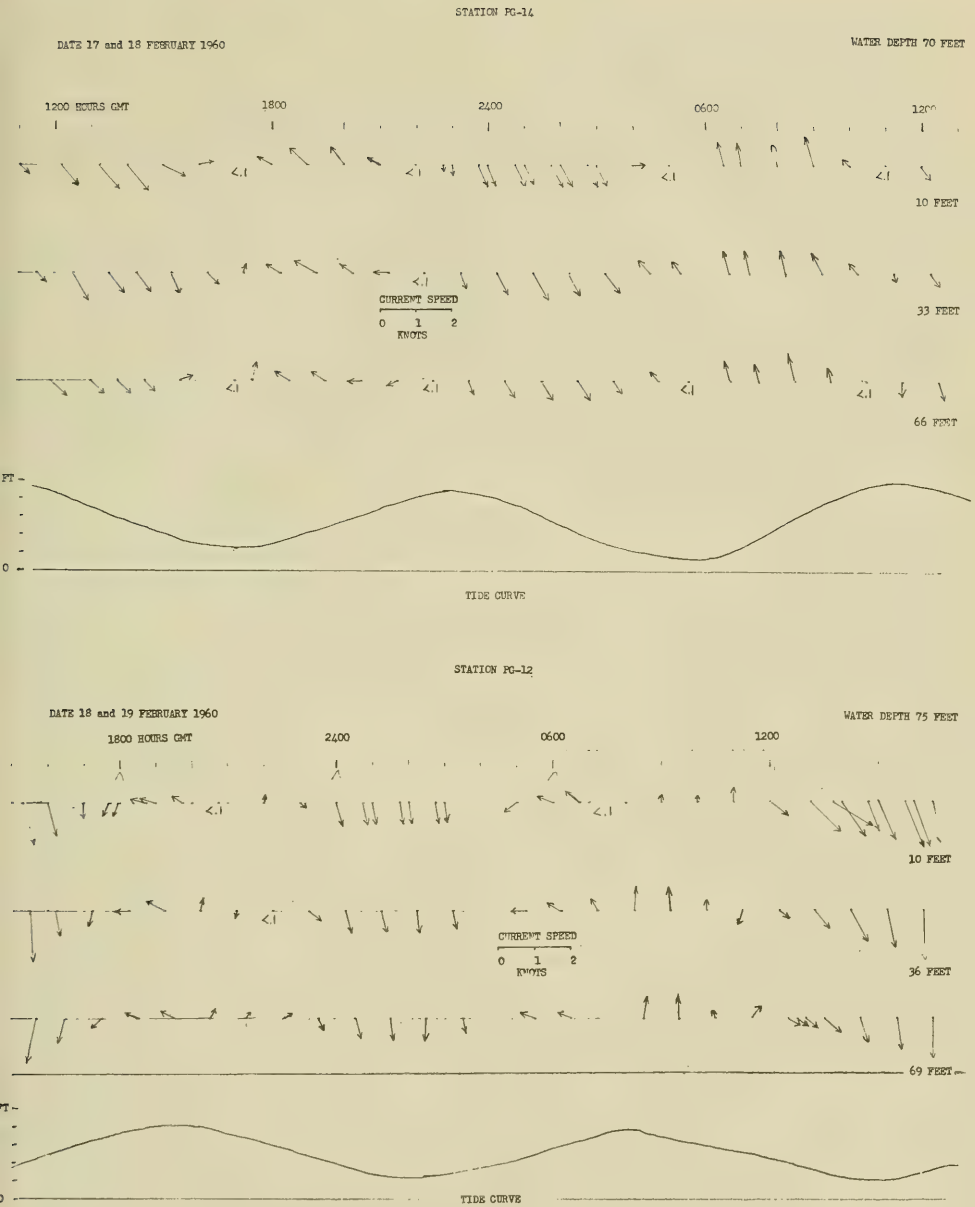


FIGURE B-2. CURRENT DATA STATIONS PG-14 AND PG-12 UPPER PERSIAN GULF

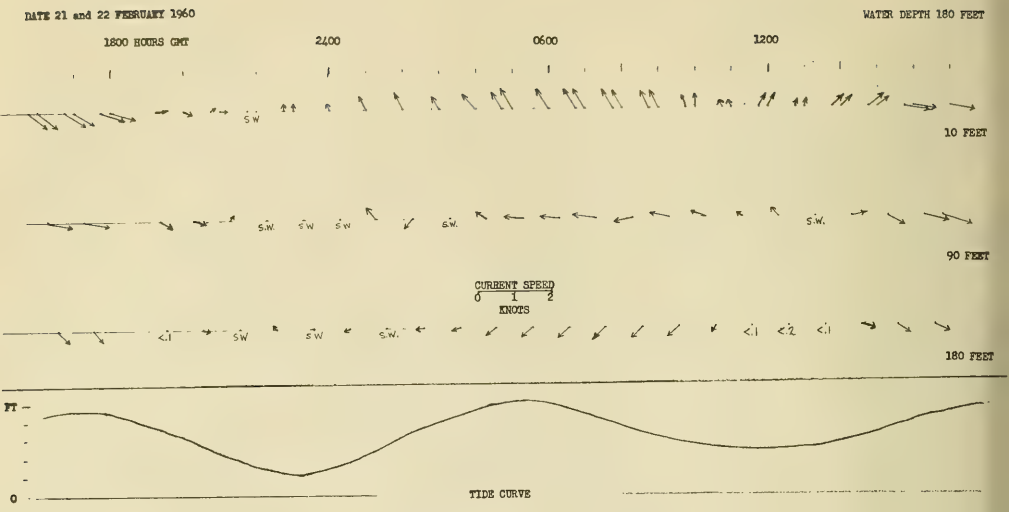


FIGURE B-3. CURRENT DATA STATION PG-23 UPPER PERSIAN GULF

STATION PG-25

DATE 23 to 25 FEBRUARY 1960

WATER DEPTH 62 FEET

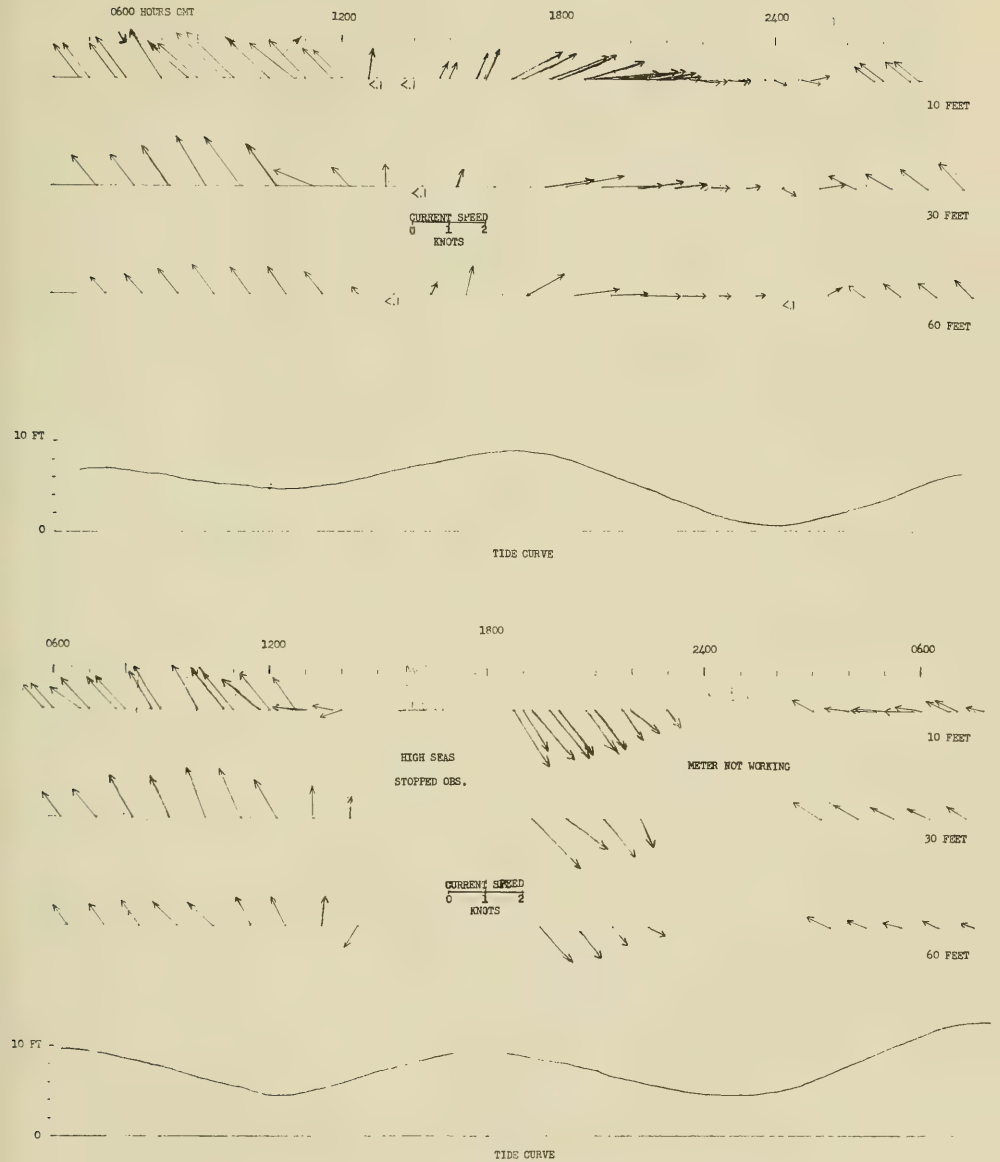


FIGURE B-4. CURRENT DATA STATION PG-25 UPPER PERSIAN GULF

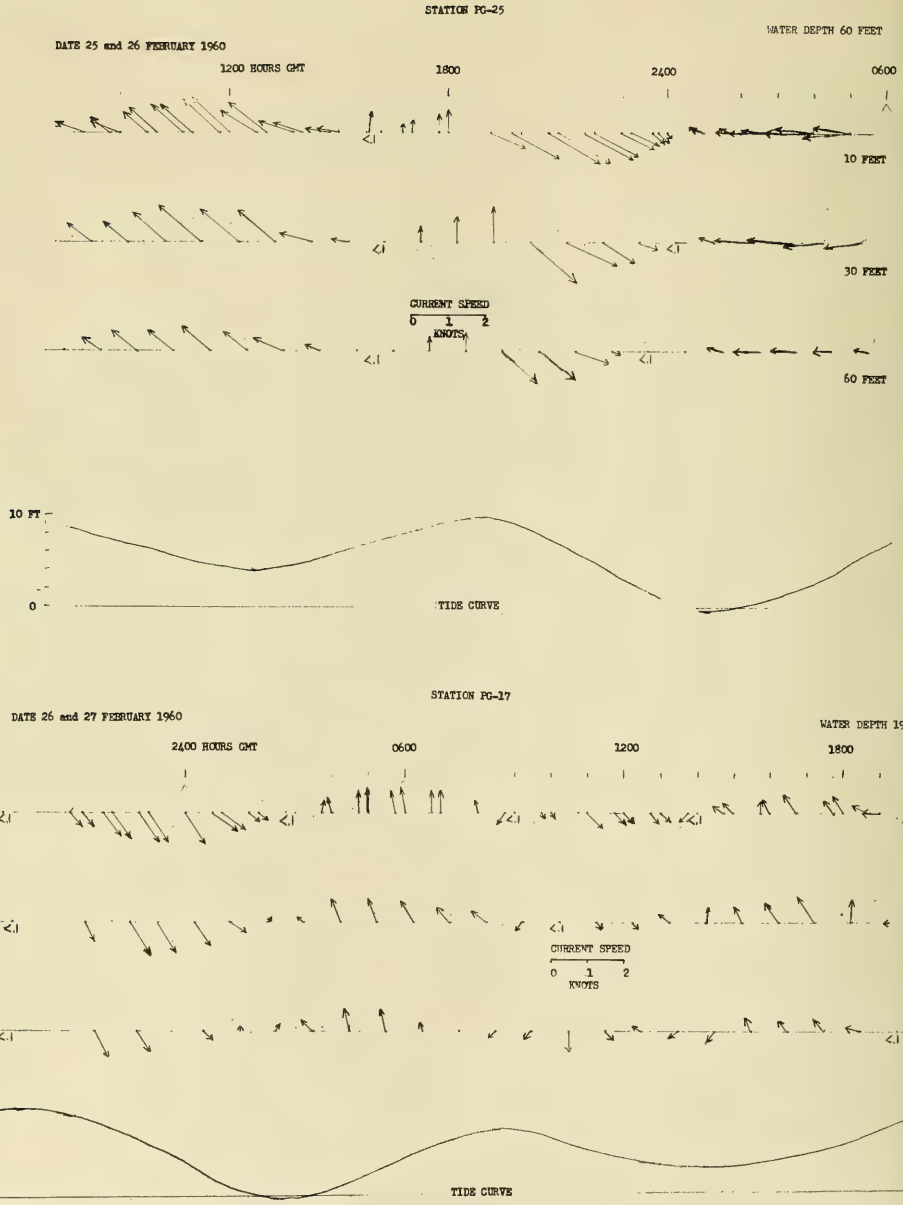
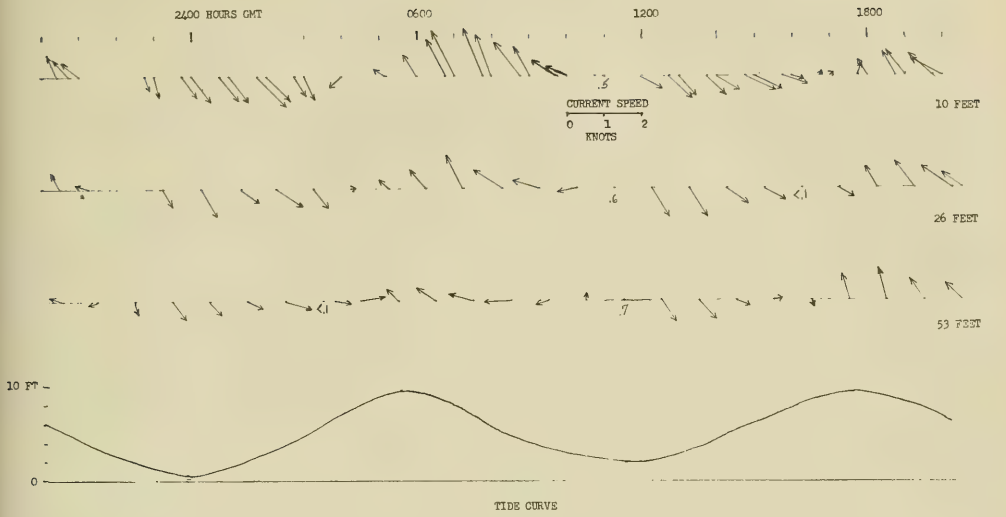


FIGURE B-5. CURRENT DATA STATIONS PG-25 (CONTINUED) AND PG-17 UPPER PERSIAN GULF

STATION PG-1

DATE 28 FEBRUARY to 1 MARCH 1960

WATER DEPTH 55 FEET



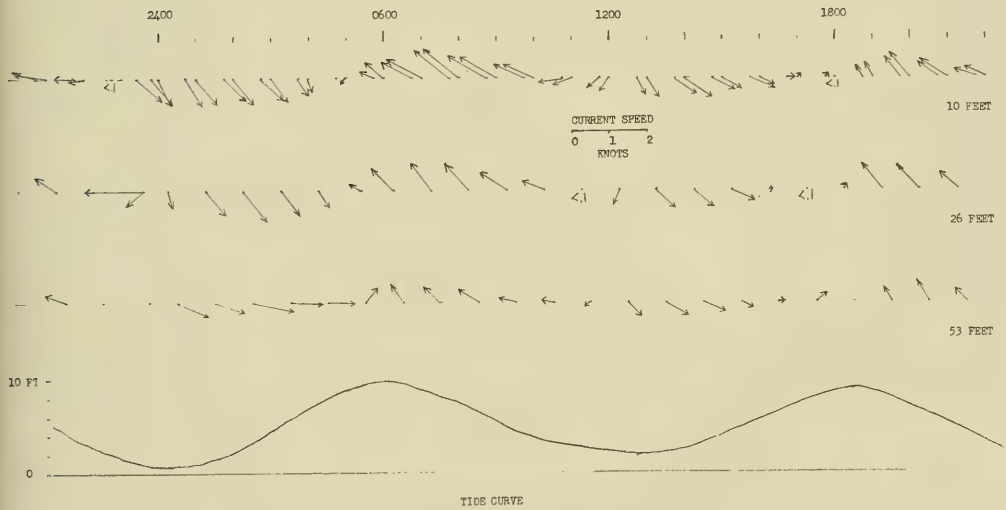


FIGURE B-6. CURRENT DATA STATION PG-1 UPPER PERSIAN GULF

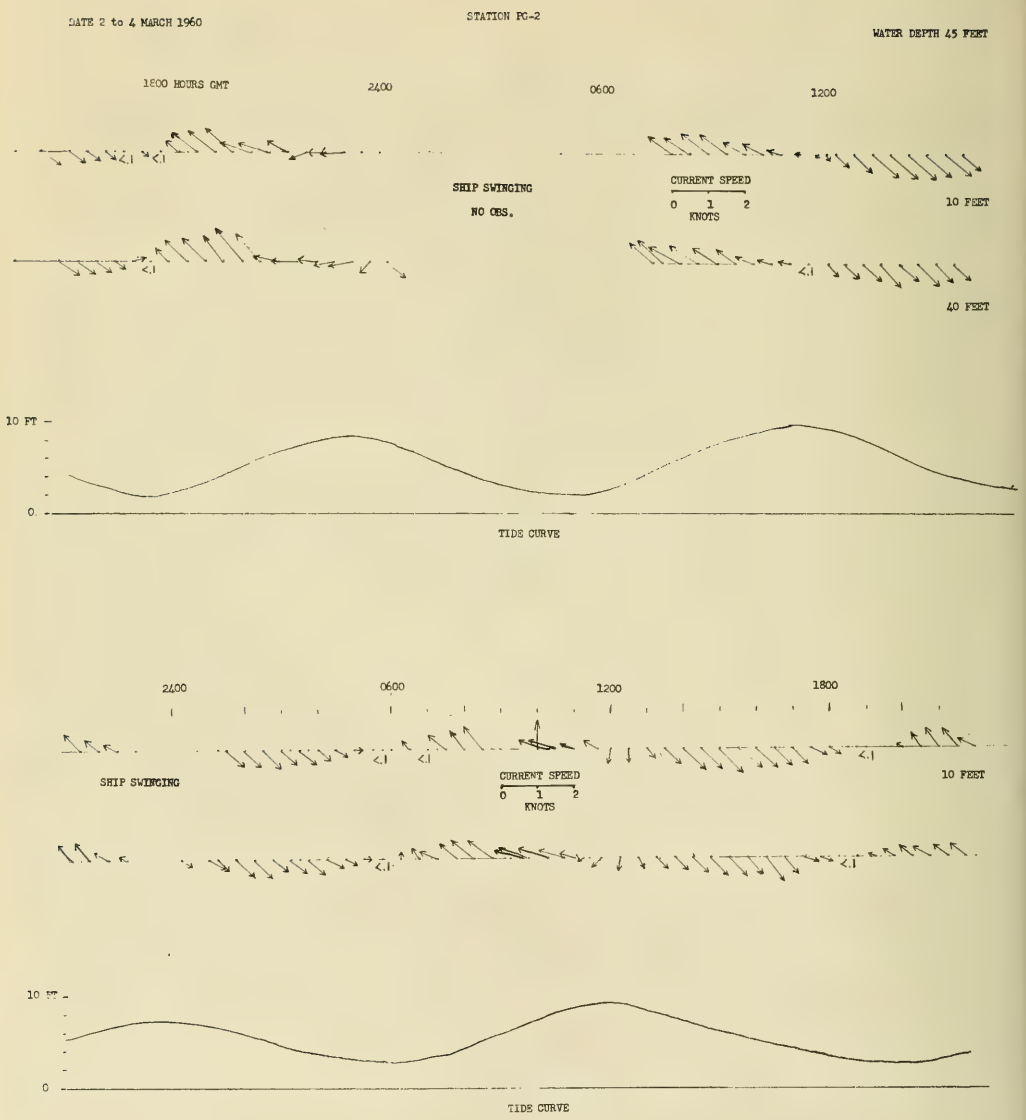


FIGURE B-7. CURRENT DATA STATION PG-2 UPPER PERSIAN GULF

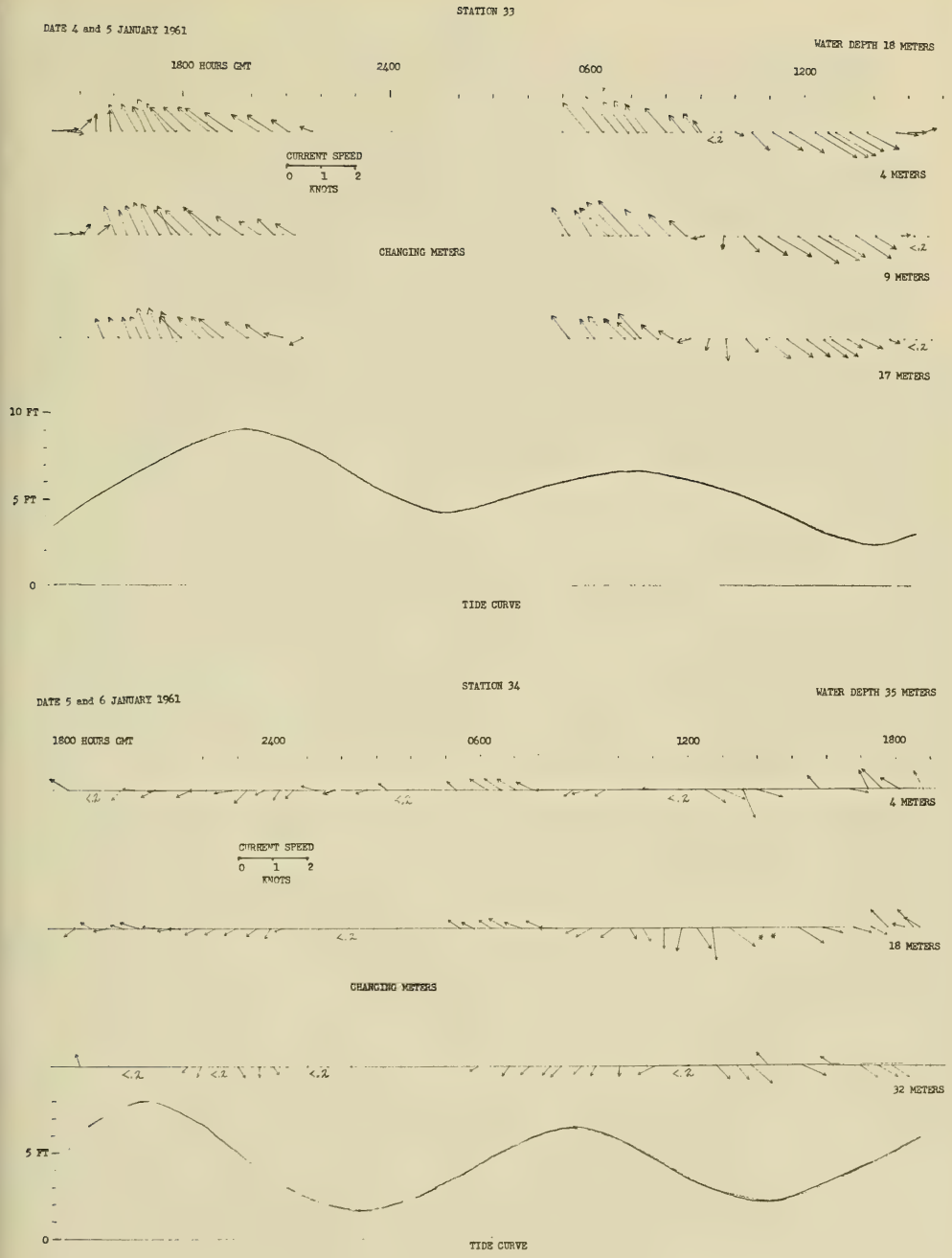


FIGURE 8-8. CURRENT DATA STATIONS 33 AND 34 STRAIT OF HORMUZ

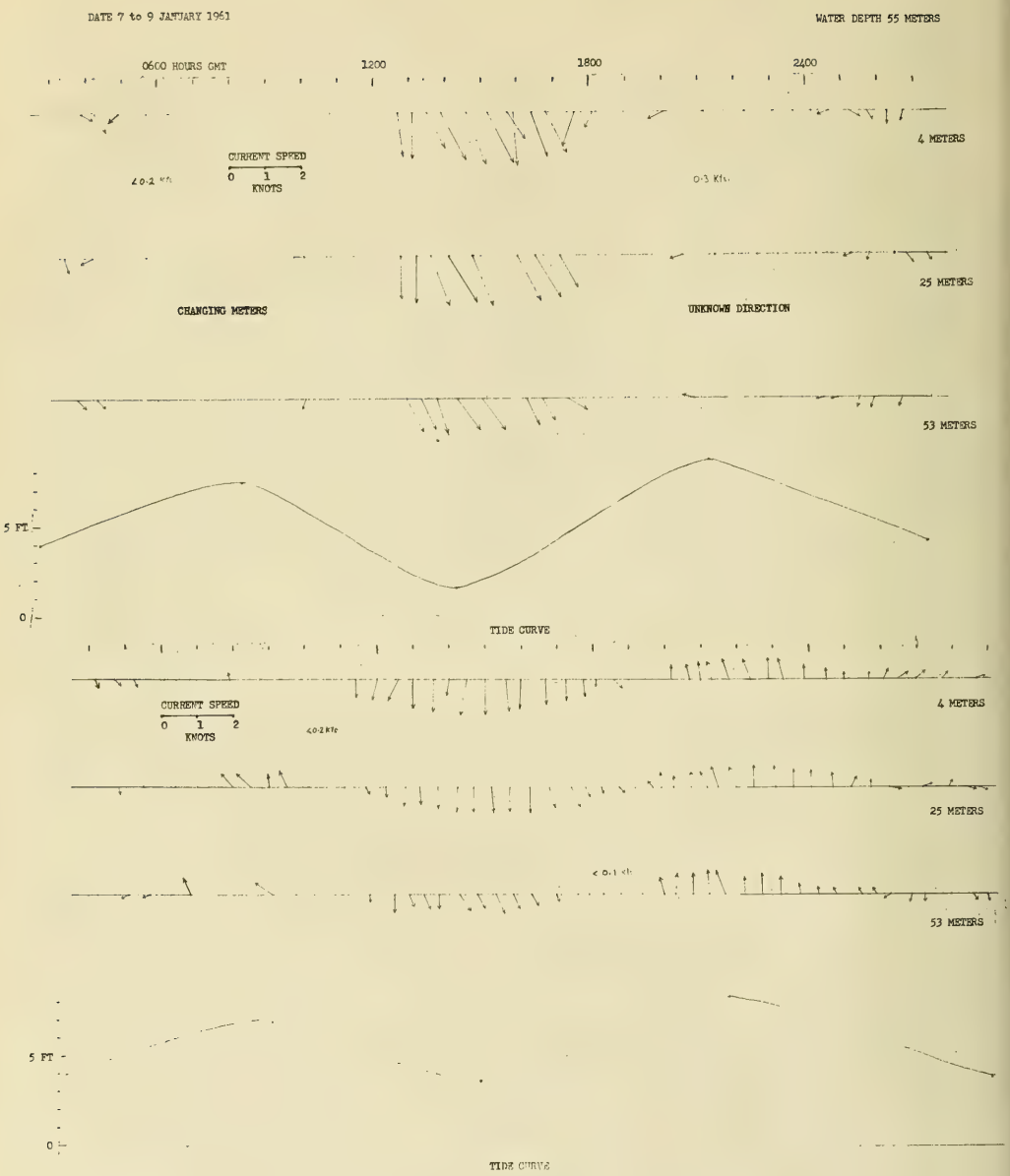


FIGURE B-9. CURRENT DATA STATION 40 STRAIT OF HORMUZ

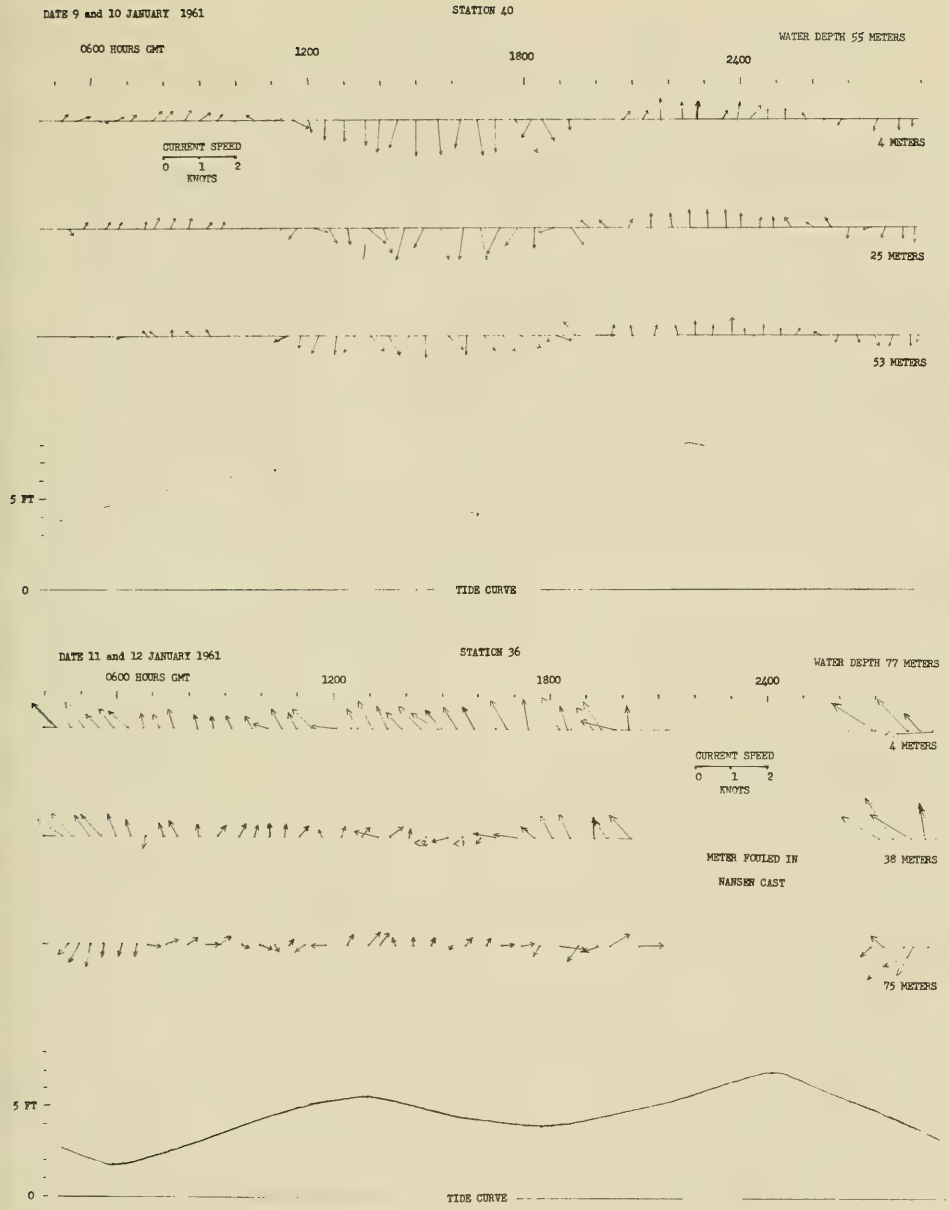
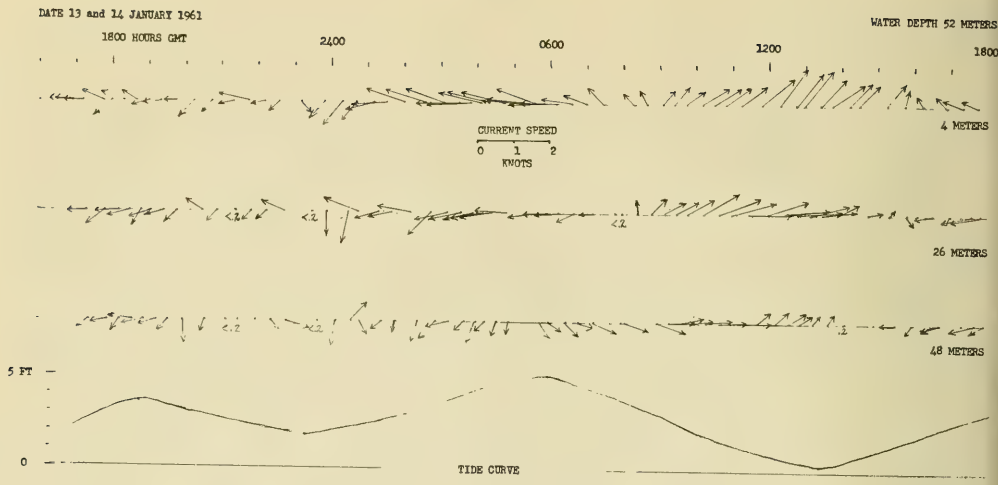


FIGURE B-10. CURRENT DATA STATIONS 40 (CONTINUED) AND 36 STRAIT OF HORMUZ

STATION 29



STATION 30

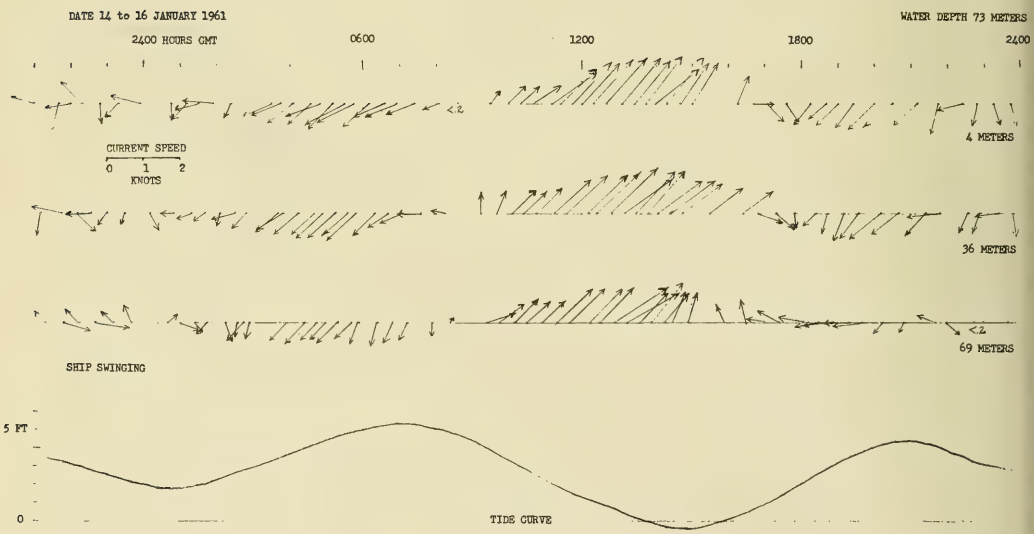
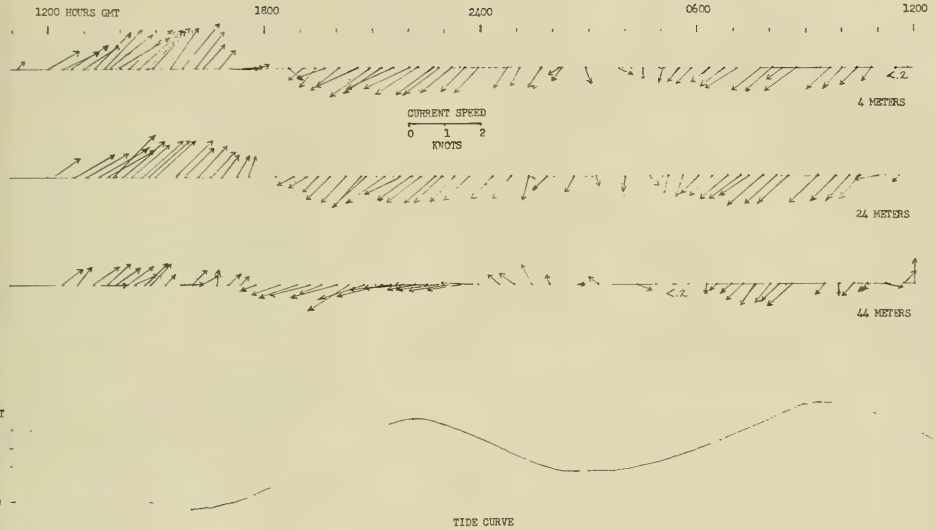


FIGURE B-11. CURRENT DATA STATIONS 29 AND 30 STRAIT OF HORMUZ

STATION 31

DATE 17 and 18 JANUARY 1961

WATER DEPTH 47 METERS



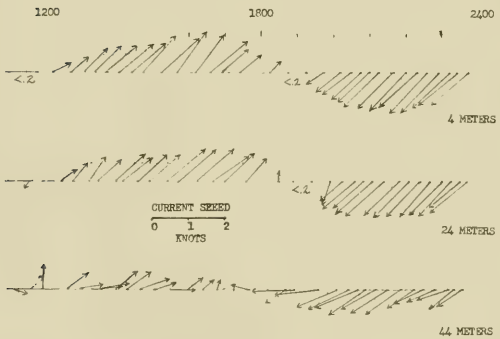


FIGURE B-12. CURRENT DATA STATION 31 STRAIT OF HORMUZ

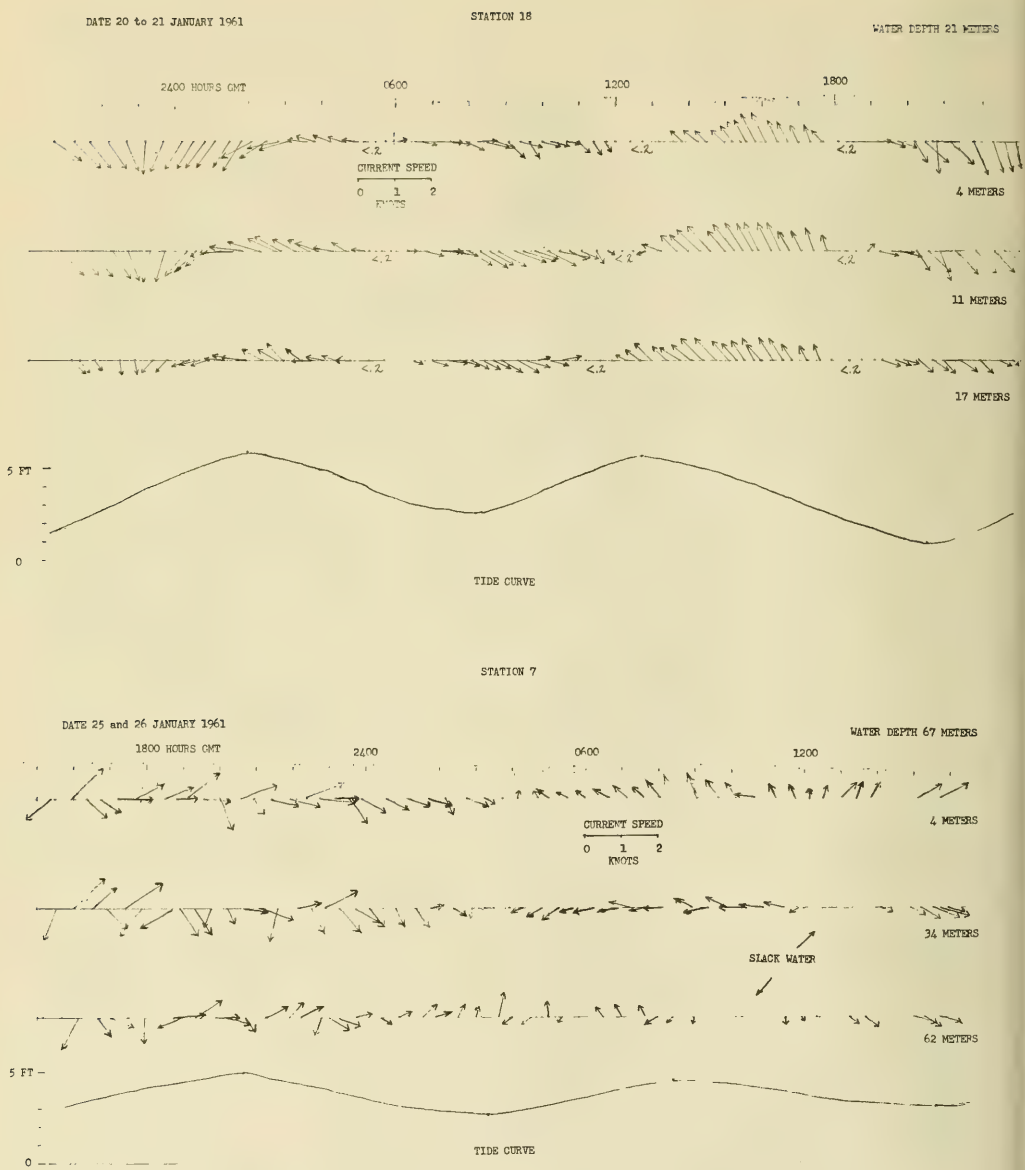


FIGURE B-13. CURRENT DATA STATIONS 18 AND 7 LOWER PERSIAN GULF

STATION 5

DATE 27 to 29 JANUARY 1961

WATER DEPTH 55 METERS

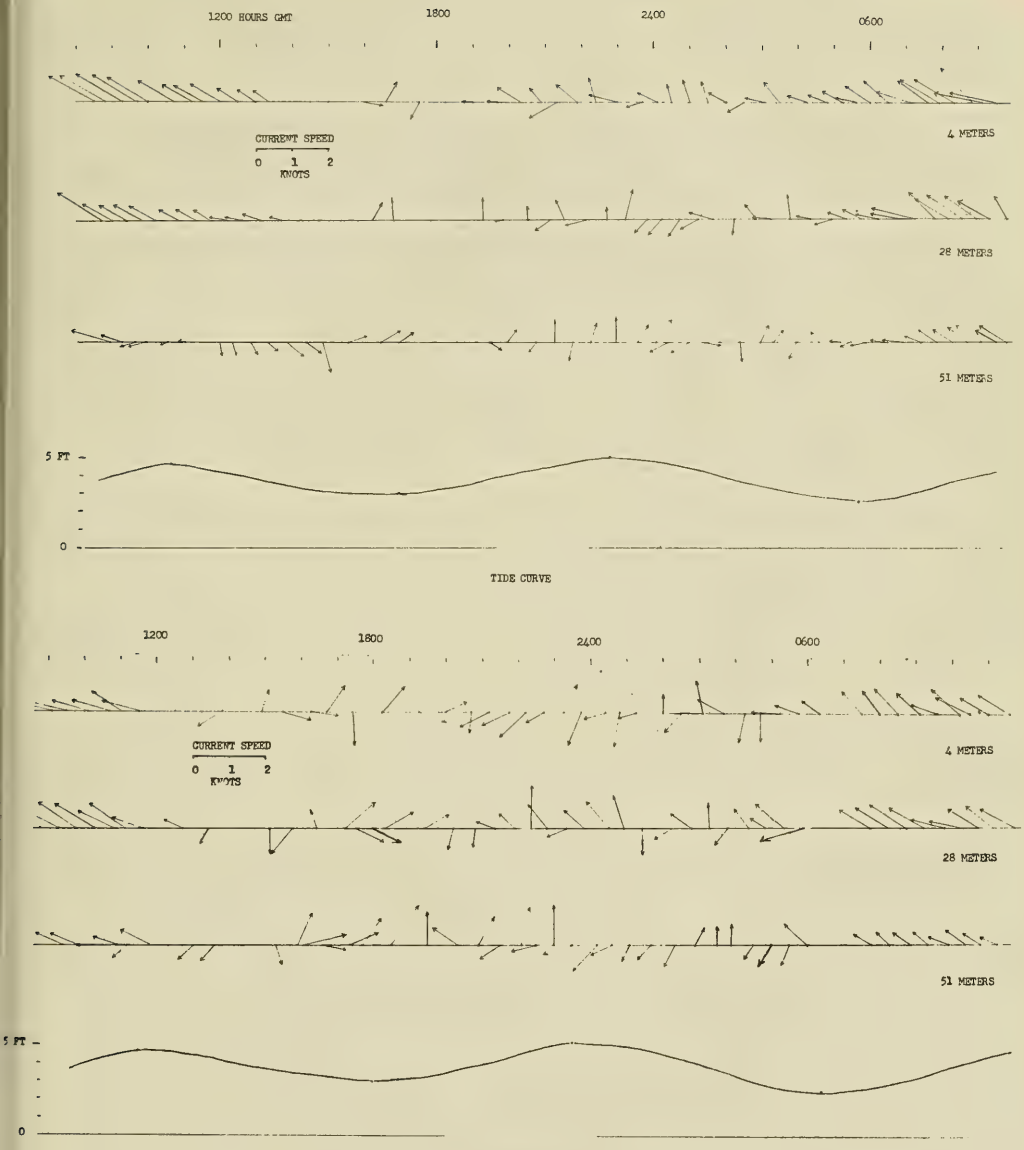


FIGURE B-14. CURRENT DATA STATION 5 LOWER PERSIAN GULF

FIGURE B-15. CURRENT DATA STATIONS 9 AND 22 LOWER PERSIAN GULF

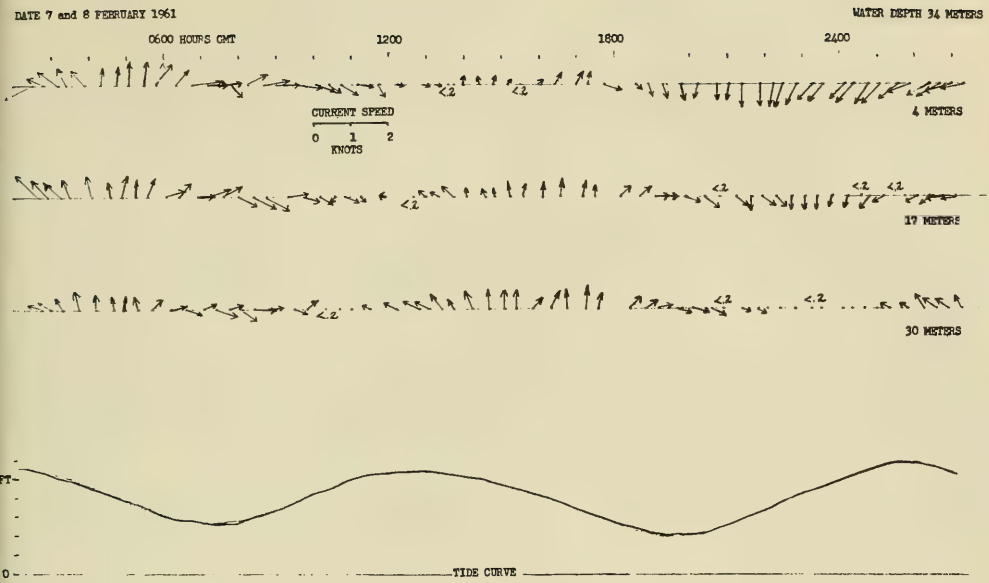
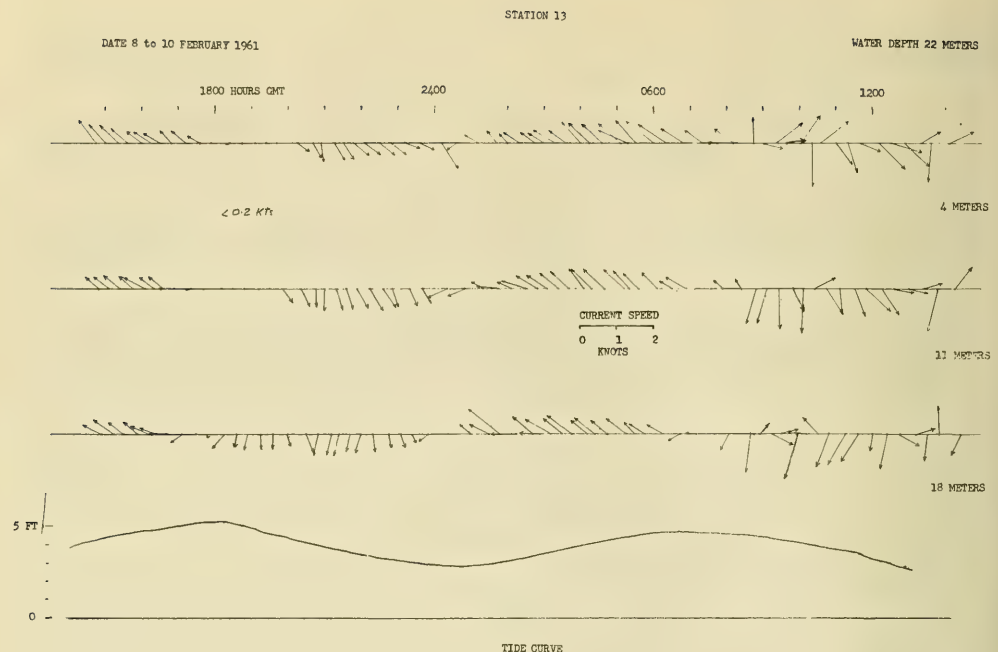


FIGURE B-16. CURRENT DATA STATION 20 LOWER PERSIAN GULF



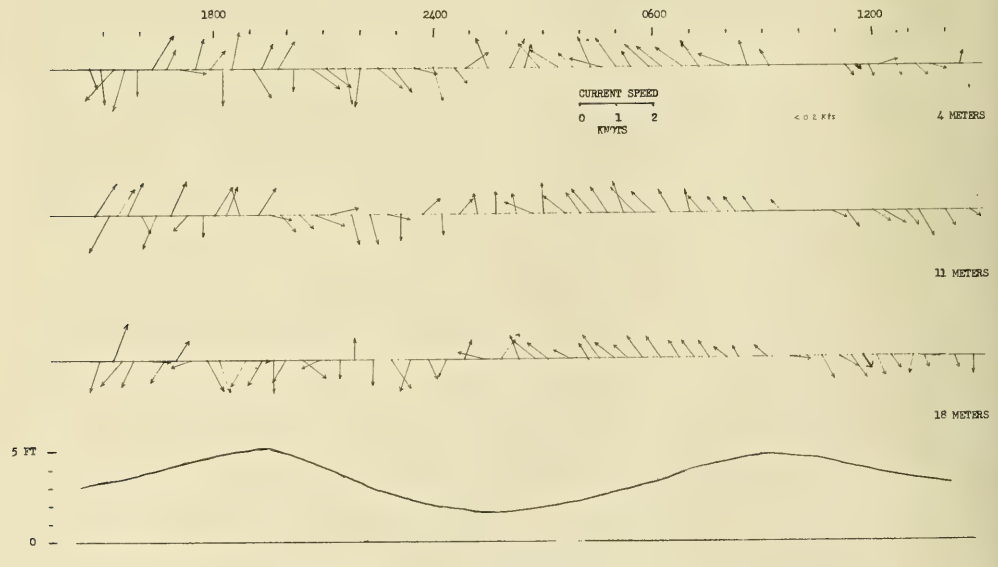


FIGURE B-17. CURRENT DATA STATION 13 LOWER PERSIAN GULF

DATE 10 to 12 FEBRUARY 1961

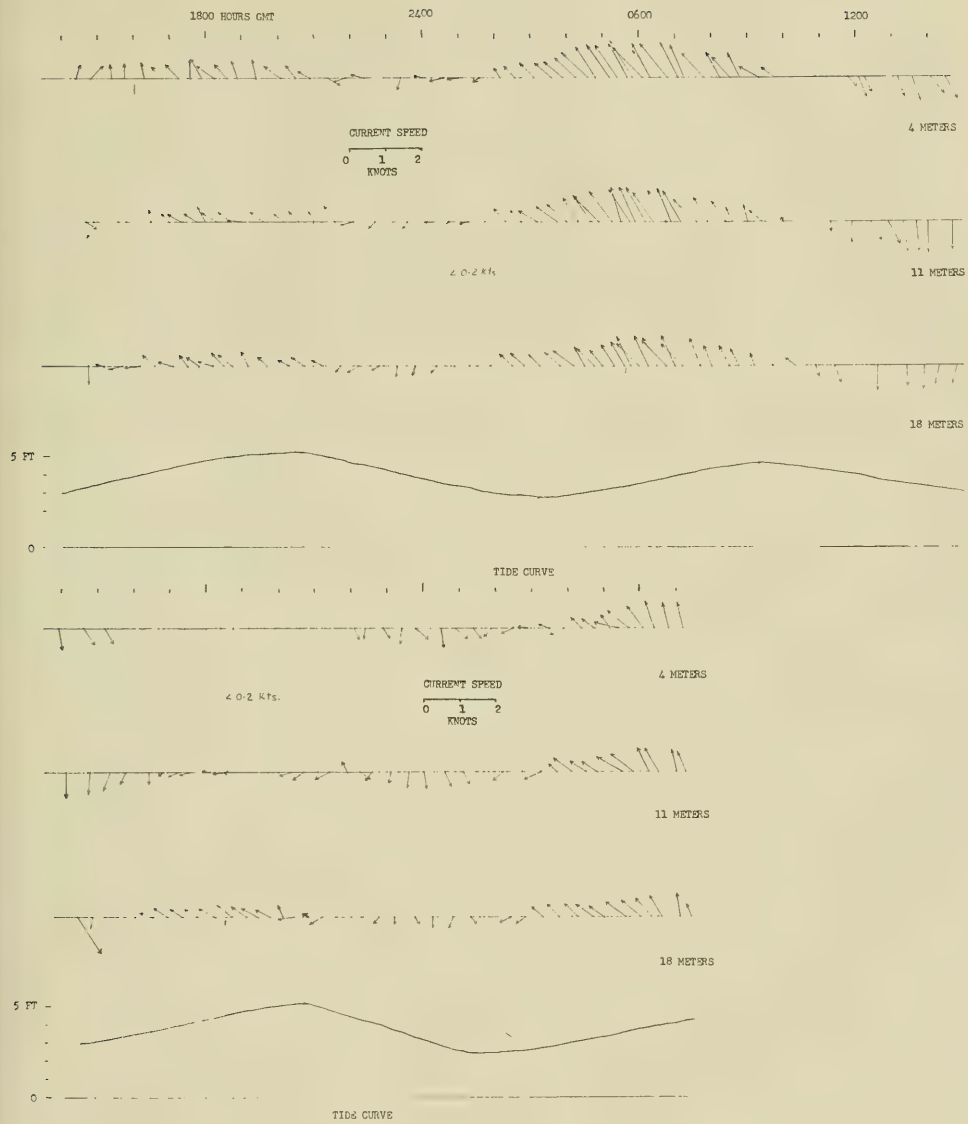
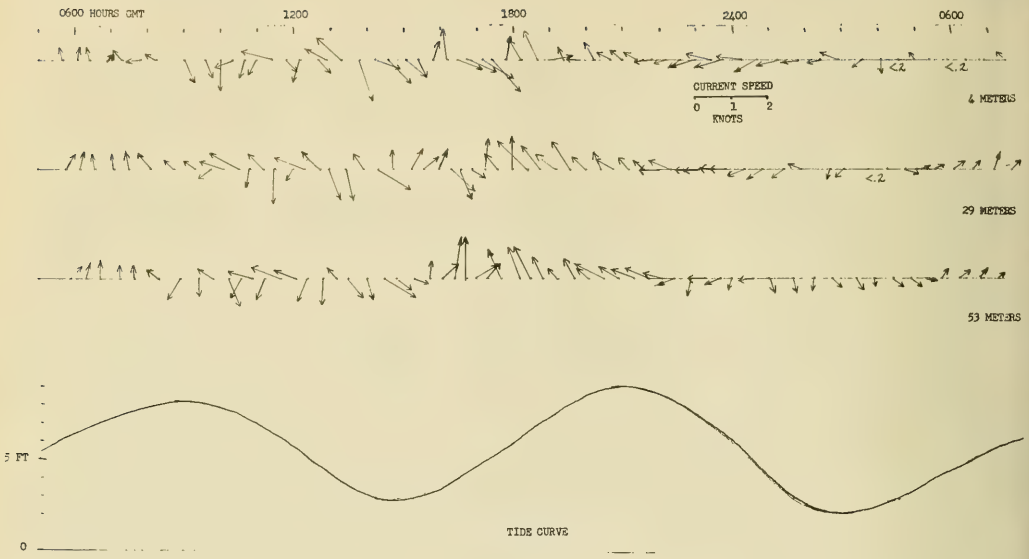


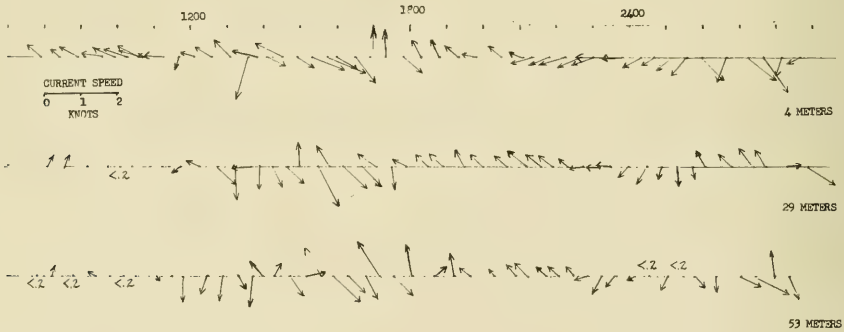
FIGURE 8-18. CURRENT DATA STATION 13 (CONTINUED) LOWER PERSIAN GULF

STATION 35

DATE 19 to 21 FEBRUARY 1961

WATER DEPTH 53plus METERS





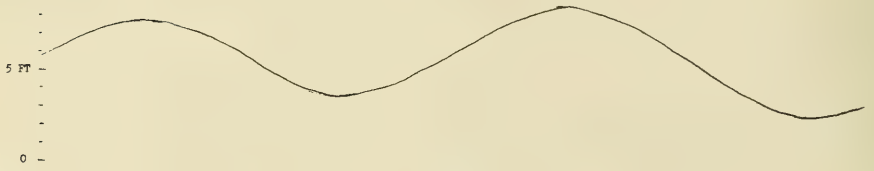


FIGURE B-19. CURRENT DATA STATION 35 STRAIT OF HORMUZ

APPENDIX C

BOTTOM SEDIMENT ANALYSIS SHEETS
(with various additional notes for explanation)

UPPER PERSIAN GULF 1960 SURVEY

Cruise 00658

LOWER PERSIAN GULF AND STRAIT OF HORMUZ 1961 SURVEY

GULF OF OMAN AND ARABIAN SEA 1961 SURVEY

Cruise 00865

(See Figures 1, 2, and 3, for sample locations)

EXPLANATION OF DATA PAGES
SEDIMENT ANALYSIS SHEETS

Results of bottom sediment sample analysis performed by the U.S. Naval Oceanographic Office are recorded on the sediment analysis sheets. Almost all bottom samples are analyzed weeks after the collection of the samples; therefore, various procedures normally carried out during a routine sediment analysis are not attempted. Determinations such as: wet density, water content, porosity, etc., are not possible after the samples have lost their "in situ" moisture; therefore, all values left blank on the analysis sheets indicate these values could not be accurately determined.

The following is a description of the terms employed on the sediment analysis sheets PRNC-NHO-1560 (Rev. 1-58):

1. Sample Number. A consecutive number, commencing with 1, applied to each bottom grab sample or core taken successively throughout the cruise.

2. Latitude. Expressed in degrees, minutes, and seconds.

3. Longitude. Expressed in degrees, minutes, and seconds.

4. Date. Day (GMT), month, and year.

5. Sampler Type. Identified by name of device employed.

6. Water Depth (fm.). The uncorrected sonic sounding recorded in fathoms.

7. Core Length (in.). Recorded in inches as observed in the laboratory. This information is not given when a grab sampler was employed.

8. Core Penetration (in.). Recorded in inches as observed in the field. This information is not given when a grab sampler was employed.

9. Laboratory Number. A reference number assigned to a fraction of a sample retained by the Laboratory.

10. Subsample Depth in Core (in.). Interval of the subsample as measured from the top of the core. Not applicable for a grab sample.

11. Color. Based on the Geological Society of America Rock-Color Chart. For those samples where color was not determined in the field, the sample was moistened in the laboratory for a color determination.

12. Odor. A qualitative description of any noticeable odors.

13. Wet Density (lbs/ft^3). Density measured to the nearest tenth of a pound as determined by means of a "Mudwate" hydrometer.

14. Rigidense (mm). Determined by means of a Rigidense instrument and measured to the nearest millimeter. This test is no longer performed.

15. Maximum Porosity (%). The percentage of pore space in the total volume of the uncompacted sample not occupied by solid matter; computed by the formula:

$$P = 100(V - \frac{v}{V})$$

where P is the porosity in percent, V is the bulk volume, and v is the aggregate volume of the grains.

16. Minimum Porosity (%). The percentage of pore space in the total volume of the compacted sample not occupied by solid matter; computed by the same formula as given in maximum porosity.

17. Water Content (%). Ratio of the weight of water in a sample to the weight of the dried sample expressed in percent.

18. Organic Carbon Content (%). Based on the Schollenberger method of organic carbon determination by reduction of chromic acid.

19. Size Analysis and Statistical Measures. Sample size fraction values are based on dry weight and given in phi (ϕ) units to the nearest whole percent. An American Instrument Company sieving machine and U.S. standard sieves were used for determining sand and larger size fractions (>1/16 mm). The pipette method, based on Stokes Law (for computing settling rates of spherical particles), was used to determine silt size (1/16 to 1/1256 mm) and clay size particles (1/1256 to 1/4096 mm). Any colloidal material (<1/4096 mm) was included with the clay.

QDϕ - (phi quartile deviation). Is that statistical parameter which is a measure of one half of the spread of the quartiles and is expressed in phi units with the given value computed from the formula:

$$QD\phi = \frac{Q_{3\phi} - Q_{1\phi}}{2}$$

Skϕ - (phi quartile skewness). Is that statistical parameter which is a measure of half the sum of the first and third quartile values less the median and is expressed in phi units with the given value computed from the formula:

$$Sk\phi = \frac{Q_{1\phi} + Q_{3\phi}}{2} - Md\phi$$

Mdϕ - (phi median). Is the middlemost member of the distribution curve above which 50 percent of the diameters in the distribution are larger and below which 50 percent of the diameters are smaller and is expressed in phi units.

The following table is presented for the conversion of phi units to millimeters: [- $\phi = \log_2$ diameter (millimeters)]

Phi (ϕ)	Millimeters	Geological Classification
-2	4.0	
-1	2.0	Granule
0	1.0	
1	0.50	
2	0.25	
3	0.125	
4	0.0625	Sand
5	0.0313	
6	0.0156	
7	0.0078	
8	0.0039	
9	0.00195	Silt
>9	-------	Clay

20. Subsample Dry Weight (gm.). Total dry weight of the subsample.

21. Sphericity (avg.). A measure of the approach of the grain to the form of a sphere and expressed as one of the following: high, medium high, medium, medium low, or low. The laboratory procedure was to take an average sample from the sand and larger size grains that passed through a 35 mm but remained on a 230 mm sieve. This sample was viewed under a microscope. To determine the sphericity, a comparison was made of the viewed sample with a chart based on Wadell's method.

22. Roundness (avg.). A function of the sharpness of the grain edges and recorded as one of the following: very angular, angular, subangular, subrounded, rounded, or well rounded. Determination and laboratory procedures were the same as for Sphericity.

23. Surface Texture (avg.). A description of the physical appearance of the grain based on the scheme proposed by Krumbein and Pettijohn. These descriptions are recorded as dull or polished and one of the following: smooth, striated, faceted, frosted, pitted, or etched.

24, 25, and 26. Dominant, Secondary, and Other Minerals (%). A visual estimate based on microscopic examination of the sand size and larger material recorded in percent.

27. Remarks: Sediment Type - determined by the sand, silt, and clay ratios of the sample based on the F. P. Shepard sediment triangle (Fig. B-1).

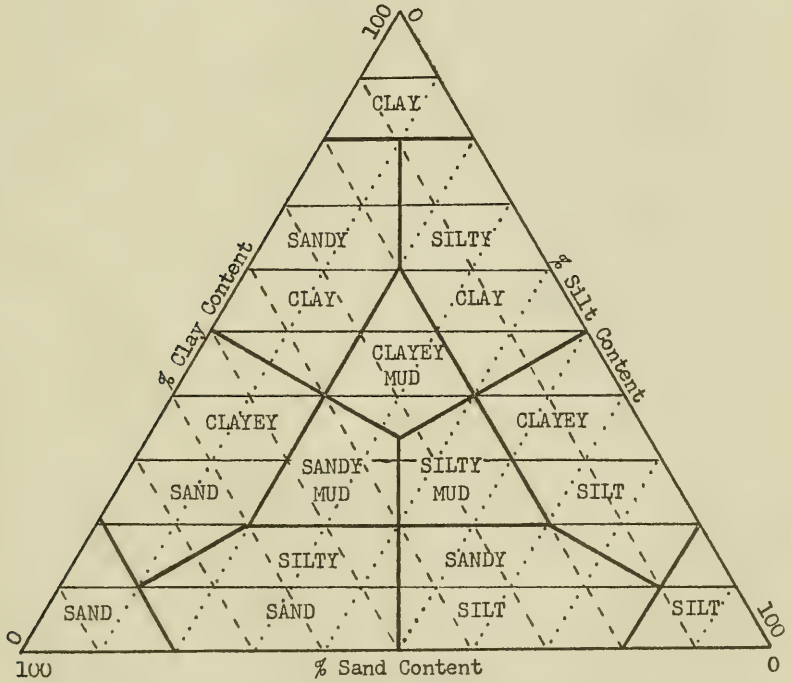


Figure C-1. Nomenclature of Sediment Types (after Shepard, 1954, Journal of Sedimentary Petrology, vol. 24, p. 157)..

EXPLANATION OF DATA PAGES
OCEANOGRAPHIC LOG SHEET R

The following is a description of the terms employed on the Sediment Analysis Summary Sheet oceanographic log sheet R PRNC-NHO-3167/18 (Rev. 4-60):

1. Cruise Number. The NODC Reference Number. (See page appendix A.)

2. Sample Number. A consectutive number, commencing with 1, applied to each bottom grab sample or core taken successively throughout the cruise. Prefix of BS (bottom sample) is given, and the assigned oceanographic station number is shown.

3. Sampler Type. Identified by name of device employed.

4. Latitude. Expressed in degrees and minutes.

5. Longitude. Expressed in degrees and minutes.

6. Date. Day (GMT), month, and year.

7. Water Depth (meters). The uncorrected sonic sounding recorded in meters.

8. Core length (cm). Recorded in centimeters as observed in the laboratory. (Not given when grab sampler was employed.)

9. Core Penetration (cm). Recorded in centimeters as observed in the field. (Not given when grab sampler was employed.)

10. Laboratory Number. A reference number assigned to a fraction of a sample retained by the laboratory.

11. Sub Sample Depth in Core (cm). Interval of sub sample as measured in centimeters from top of the core.

12. Color. Based on the Geological Society of America Rock-Color Chart. For those samples where color was not determined in the field, the sample was moistened in the laboratory for a color determination.

13. Odor. A qualitative description of any noticeable odors.

14. Size Analysis and Statistical Measures. (See pages 183 and 184 and Fig. C-1.)

15. Chemical Analysis. Percentages, by weight, of (a) $CaCO_3$ and (b) Organic carbon.

SEDIMENT ANALYSIS SHEET
PRNC-NHO-1560 (Rev. 1-58)

1. SAMPLE NUMBER	Serial #1 ; Station PG-14	5. SAMPLER TYPE	Phleger	
2. LATITUDE	28° 59' N	6. WATER DEPTH (fm.)	12	
3. LONGITUDE	50° 40' E	7. CORE LENGTH (in.)	17½	
4. DATE (Day, month, year)	18 February 1960	8. CORE PENETRATION (in.)	24	
9. LABORATORY NUMBERS	5511	5512	5513	
10. SUBSAMPLE DEPTH IN CORE (in.)	0-2	8-10	16-17½	
11. COLOR	Greenish Gray* 5GY6/1	Greenish Gray 5GY6/1	Greenish Gray 5GY6/1	
12. ODOR				
13. WET DENSITY (lb./ft³)				
14. RIGIDENSE (mm)				
15. MAXIMUM POROSITY (%)				
16. MINIMUM POROSITY (%)				
17. WATER CONTENT (%)				
18. ORGANIC CARBON CONTENT (%)				
19. SIZE ANALYSIS AND STATISTICAL MEASURES				
a. < -2$_\phi$ (%)	OD_ϕ	OD_ϕ	OD_ϕ	OD_ϕ
b. -2$_\phi$ to -1$_\phi$ (%)	SK_ϕ	SK_ϕ	SK_ϕ	SK_ϕ
c. -1$_\phi$ to 0$_\phi$ (%)	Md_ϕ 8.90	Md_ϕ 8.90	Md_ϕ	Md_ϕ
d. 0$_\phi$ to 1$_\phi$ (%)	QI_ϕ 7.34	QI_ϕ 7.43	QI_ϕ	QI_ϕ
e. 1$_\phi$ to 2$_\phi$ (%)	σ_ϕ	σ_ϕ	σ_ϕ	σ_ϕ
f. 2$_\phi$ to 3$_\phi$ (%)				
g. 3$_\phi$ to 4$_\phi$ (%)				
h. 4$_\phi$ to 6$_\phi$ (%)	7	5	4	
i. 6$_\phi$ to 9$_\phi$ (%)	43	45	44	
j. > 9$_\phi$ (%)	49	49	51	
20. SUBSAMPLE DRY WEIGHT (gm)	12.27	17.19	13.09	
21. SPHERICITY (avg.)				
22. ROUNDNESS (avg.)				
23. SURFACE TEXTURE (avg.)				
24. DOMINANT MINERAL (%)				
25. SECONDARY MINERAL (%)				
26. OTHER MINERALS (%)				

27. REMARKS: Items 11-26 determined in the lab.
*With Medium Gray streaks (N5).

Sediment Type	Clayey Silt	Clayey Silt	Silty Clay

NAVOCEANO PRNC WASH. D.C.

SEDIMENT ANALYSIS SHEET
PRNC-NHO-1560 (Rev. 1-58)

1. SAMPLE NUMBER	Serial 2 ; Station PG 12	5. SAMPLER TYPE	Phleger	
2. LATITUDE	29° 14' N	6. WATER DEPTH (fm.)	12	
3. LONGITUDE	50° 21' E	7. CORE LENGTH (in.)		
4. DATE (Day, month, year)	19 February 1960	8. CORE PENETRATION (in.)		
9. LABORATORY NUMBERS	* 5492			
10. SUBSAMPLE DEPTH IN CORE (in.)				
11. COLOR				
12. ODOR				
13. WET DENSITY (lb./ft³)				
14. RIGIDENSE (mm)				
15. MAXIMUM POROSITY (%)				
16. MINIMUM POROSITY (%)				
17. WATER CONTENT (%)				
18. ORGANIC CARBON CONTENT (%)				
19. SIZE ANALYSIS AND STATISTICAL MEASURES				
a. < -2$_\phi$ (%)	OD_ϕ	OD_ϕ	OD_ϕ	OD_ϕ
b. -2$_\phi$ to -1$_\phi$ (%)	SK_ϕ	SK_ϕ	SK_ϕ	SK_ϕ
c. -1$_\phi$ to 0$_\phi$ (%)	Md_ϕ	Md_ϕ	Md_ϕ	Md_ϕ
d. 0$_\phi$ to 1$_\phi$ (%)	QI_ϕ	QI_ϕ	QI_ϕ	QI_ϕ
e. 1$_\phi$ to 2$_\phi$ (%)	σ_ϕ	σ_ϕ	σ_ϕ	σ_ϕ
f. 2$_\phi$ to 3$_\phi$ (%)				
g. 3$_\phi$ to 4$_\phi$ (%)				
h. 4$_\phi$ to 6$_\phi$ (%)				
i. 6$_\phi$ to 9$_\phi$ (%)				
j. > 9$_\phi$ (%)				
20. SUBSAMPLE DRY WEIGHT (gm)				
21. SPHERICITY (avg.)				
22. ROUNDNESS (avg.)				
23. SURFACE TEXTURE (avg.)				
24. DOMINANT MINERAL (%)				
25. SECONDARY MINERAL (%)				
26. OTHER MINERALS (%)				

27. REMARKS:

* THE SAMPLE WAS COMPOSED OF SHELL FRAGMENTS, INSUFFICIENT SAMPLE FOR ANALYSIS.

NAVOCEANO PRNC WASH. D.C.

SEDIMENT ANALYSIS SHEET
PRNC-NHO-1560 (Rev. 1-58)

1. SAMPLE NUMBER	Serial 3; Station PG12
2. LATITUDE	29° 14' N
3. LONGITUDE	50° 21' E
4. DATE (Day, month, year)	19 February 1960
5. SAMPLER TYPE	Triangular Dredge
6. WATER DEPTH (fm.)	12
7. CORE LENGTH (in.)	
8. CORE PENETRATION (in.)	

9. LABORATORY NUMBERS	5491
10. SUBSAMPLE DEPTH IN CORE (in.)	
11. COLOR	
12. ODOR	
13. WET DENSITY (lb./ft^3)	
14. RIGIDENSE (mm)	
15. MAXIMUM POROSITY (%)	
16. MINIMUM POROSITY (%)	
17. WATER CONTENT (%)	
18. ORGANIC CARBON CONTENT (%)	

19. SIZE ANALYSIS AND STATISTICAL MEASURES

a. < -2$_\phi$ (%)	OD$_\phi$	OD$_\phi$	OD$_\phi$	OD$_\phi$
b. -2$_\phi$ to -1$_\phi$ (%)	SK$_\phi$	SK$_\phi$	SK$_\phi$	SK$_\phi$
c. -1$_\phi$ to 0$_\phi$ (%)	Md$_\phi$	Md$_\phi$	Md$_\phi$	Md$_\phi$
d. 0$_\phi$ to 1$_\phi$ (%)	01$_\phi$	01$_\phi$	01$_\phi$	01$_\phi$
e. 1$_\phi$ to 2$_\phi$ (%)	03$_\phi$	03$_\phi$	03$_\phi$	03$_\phi$
f. 2$_\phi$ to 3$_\phi$ (%)				
g. 3$_\phi$ to 4$_\phi$ (%)				
h. 4$_\phi$ to 6$_\phi$ (%)				
i. 6$_\phi$ to 9$_\phi$ (%)				
j. > 9$_\phi$ (%)				

20. SUBSAMPLE DRY WEIGHT (gm)	
21. SPHERICITY (avg.)	
22. ROUNDNESS (avg.)	
23. SURFACE TEXTURE (avg.)	
24. DOMINANT MINERAL (%)	
25. SECONDARY MINERAL (%)	
26. OTHER MINERALS (%)	

27. REMARKS:

THE SAMPLE WAS COMPOSED OF CORAL, BARNACLES, AND CALCAREOUS PEBBLES.

NAVY-DPD PRNC, WASH., D.C.

SEDIMENT ANALYSIS SHEET
PRNC-NHO-1560 (Rev. 1-58)

1. SAMPLE NUMBER	Serial #4; Station PG-21		
2. LATITUDE	28° 32' N		
3. LONGITUDE	51° 00' E		
4. DATE (Day, month, year)	20 February 1960		
5. SAMPLER TYPE	Phleger		
6. WATER DEPTH (fm.)	7		
7. CORE LENGTH (in.)	10		
8. CORE PENETRATION (in.)	18		
9. LABORATORY NUMBERS	5514	5515	5516
10. SUBSAMPLE DEPTH IN CORE (in.)	2-4¼	4¼-7	7-10
11. COLOR	Light Olive Gray 5Y6/1	Light Olive Gray 5Y6/1	Light Olive Gray 5Y6/1
12. ODOR			
13. WET DENSITY (lb./ft^3)			
14. RIGIDENSE (mm)			
15. MAXIMUM POROSITY (%)			
16. MINIMUM POROSITY (%)			
17. WATER CONTENT (%)			
18. ORGANIC CARBON CONTENT (%)			

19. SIZE ANALYSIS AND STATISTICAL MEASURES

a. < -2$_\phi$ (%)		OD$_\phi$		OD$_\phi$		OD$_\phi$		OD$_\phi$
b. -2$_\phi$ to -1$_\phi$ (%)	10	SK$_\phi$	5	SK$_\phi$	2	SK$_\phi$		SK$_\phi$
c. -1$_\phi$ to 0$_\phi$ (%)	11	Md$_\phi$ 6.20	3	Md$_\phi$ 8.75	1	Md$_\phi$ 8.35		Md$_\phi$
d. 0$_\phi$ to 1$_\phi$ (%)	7	01$_\phi$ 0.85	2	01$_\phi$ 5.85	2	01$_\phi$ 6.30		01$_\phi$
e. 1$_\phi$ to 2$_\phi$ (%)	5	03$_\phi$	2	03$_\phi$	2	03$_\phi$		03$_\phi$
f. 2$_\phi$ to 3$_\phi$ (%)	2		1		1			
g. 3$_\phi$ to 4$_\phi$ (%)	4		1		1			
h. 4$_\phi$ to 6$_\phi$ (%)	10		12		13			
i. 6$_\phi$ to 9$_\phi$ (%)	22		36		36			
j. > 9$_\phi$ (%)	28		38		42			

20. SUBSAMPLE DRY WEIGHT (gm)	20.96	23.08	21.51
21. SPHERICITY (avg.)			
22. ROUNDNESS (avg.)			
23. SURFACE TEXTURE (avg.)			
24. DOMINANT MINERAL (%)			
25. SECONDARY MINERAL (%)			
26. OTHER MINERALS (%)			

27. REMARKS: Items 11-26 determined in the lab.
The core contained numerous shell fragments in the first 4¼ inches.

Sediment Type	Sandy Mud	Clayey Silt	Clayey Silt

NAVY-DPD PRNC, WASH., D.C.

SEDIMENT ANALYSIS SHEET
PRNC-NHO-1560 (Rev. 1-58)

1. SAMPLE NUMBER	Serial #5; Station PG-20		5. SAMPLER TYPE	Phleger	
2. LATITUDE	28 06 N		6. WATER DEPTH (fm.)	80	
3. LONGITUDE	50 50 E		7. CORE LENGTH (in.)	10	
4. DATE (Day, month, year)	20 February 1960		8. CORE PENETRATION (in.)	8	
9. LABORATORY NUMBERS	5517	5518			
10. SUBSAMPLE DEPTH IN CORE (in.)	0-3	7-10			
11. COLOR	Light Olive Gray 5Y5/2	Light Olive Gray 5Y5/2			
12. ODOR					
13. WET DENSITY (lb./ft^3)					
14. RIGIDENSE (mm)					
15. MAXIMUM POROSITY (%)					
16. MINIMUM POROSITY (%)					
17. WATER CONTENT (%)					
18. ORGANIC CARBON CONTENT (%)					
19. SIZE ANALYSIS AND STATISTICAL MEASURES					
a. $< -2_\phi$ (%)					
b. -2_ϕ to -1_ϕ (%)	1	1			
c. -1_ϕ to 0_ϕ (%)	1	2			
d. 0_ϕ to 1_ϕ (%)	3	6			
e. 1_ϕ to 2_ϕ (%)	5	8			
f. 2_ϕ to 3_ϕ (%)	8	11			
g. 3_ϕ to 4_ϕ (%)	9	8			
h. 4_ϕ to 6_ϕ (%)	19	17			
i. 6_ϕ to 9_ϕ (%)	19	16			
j. $> 9_\phi$ (%)	36	31			
	Md$_\phi$ 6.50	Md$_\phi$ 6.20	Md$_\phi$	Md$_\phi$	Md$_\phi$
	SK$_\phi$	SK$_\phi$	SK$_\phi$	SK$_\phi$	SK$_\phi$
	OI$_\phi$ 3.75	OI$_\phi$ 2.75	OI$_\phi$	OI$_\phi$	OI$_\phi$
	OS$_\phi$	OS$_\phi$	OS$_\phi$	OS$_\phi$	OS$_\phi$
20. SUBSAMPLE DRY WEIGHT (gm)	25.41	17.02			
21. SPHERICITY (avg.)					
22. ROUNDNESS (avg.)					
23. SURFACE TEXTURE (avg.)					
24. DOMINANT MINERAL (%)					
25. SECONDARY MINERAL (%)					
26. OTHER MINERALS (%)					

27. REMARKS: Items 11-26 determined in the lab.

Sediment Type	Silty Mud	Sandy Mud

NAVY-OFFD PRNC WASH D.C.

SEDIMENT ANALYSIS SHEET
PRNC-NHO-1560 (Rev. 1-58)

1. SAMPLE NUMBER	Serial #6; PG 24		5. SAMPLER TYPE	Phleger	
2. LATITUDE	27 22 N		6. WATER DEPTH (fm.)	32	
3. LONGITUDE	51 07 E		7. CORE LENGTH (in.)	9	
4. DATE (Day, month, year)	20 FEBRUARY 1960		8. CORE PENETRATION (in.)	18	
9. LABORATORY NUMBERS	5503	5504			
10. SUBSAMPLE DEPTH IN CORE (in.)	0-2	7-9			
11. COLOR	Pale Olive 10Y 6/2 w/ Medium Gray N-5	Pale Olive 10Y 6/2 w/ Medium Gray N-5			
12. ODOR					
13. WET DENSITY (lb./ft^3)					
14. RIGIDENSE (mm)					
15. MAXIMUM POROSITY (%)					
16. MINIMUM POROSITY (%)					
17. WATER CONTENT (%)					
18. ORGANIC CARBON CONTENT (%)					
19. SIZE ANALYSIS AND STATISTICAL MEASURES					
a. $< -2_\phi$ (%)					
b. -2_ϕ to -1_ϕ (%)	1	1			
c. -1_ϕ to 0_ϕ (%)	1	1			
d. 0_ϕ to 1_ϕ (%)	3	2			
e. 1_ϕ to 2_ϕ (%)	2	2			
f. 2_ϕ to 3_ϕ (%)	4	4			
g. 3_ϕ to 4_ϕ (%)	17	15			
h. 4_ϕ to 6_ϕ (%)	23	28			
i. 6_ϕ to 9_ϕ (%)	19	17			
j. $> 9_\phi$ (%)	34	31			
	Md$_\phi$ 6.40	Md$_\phi$ 5.75	Md$_\phi$	Md$_\phi$	Md$_\phi$
	SK$_\phi$	SK$_\phi$	SK$_\phi$	SK$_\phi$	SK$_\phi$
	OI$_\phi$ 4.05	OI$_\phi$ 4.00	OI$_\phi$	OI$_\phi$	OI$_\phi$
	OS$_\phi$	OS$_\phi$	OS$_\phi$	OS$_\phi$	OS$_\phi$
20. SUBSAMPLE DRY WEIGHT (gm)	11.66	21.70			
21. SPHERICITY (avg.)					
22. ROUNDNESS (avg.)					
23. SURFACE TEXTURE (avg.)					
24. DOMINANT MINERAL (%)					
25. SECONDARY MINERAL (%)					
26. OTHER MINERALS (%)					

27. REMARKS: ITEMS 11-26 DETERMINED IN THE LAB.

SEDIMENT TYPE	SILTY MUD	SILTY MUD

NAVY-OFFD PRNC WASH D.C.

SEDIMENT ANALYSIS SHEET
PRNC-NHO-1560 (Rev. 1-58)

1. SAMPLE NUMBER	Serial #7; Station PG-23		5. SAMPLER TYPE	Phleger	
2. LATITUDE	27° 06' N		6. WATER DEPTH (fm.)	30	
3. LONGITUDE	50° 46' E		7. CORE LENGTH (in.)	5	
4. DATE (Day, month, year)	22 February 1960		8. CORE PENETRATION (in.)	14	
9. LABORATORY NUMBERS	5521				
10. SUBSAMPLE DEPTH IN CORE (in.)	0-5				
11. COLOR	Light Olive Gray 5Y5/2				
12. ODOR					
13. WET DENSITY (lb./ft^3)					
14. RIGIDENSE (mm)					
15. MAXIMUM POROSITY (%)					
16. MINIMUM POROSITY (%)					
17. WATER CONTENT (%)					
18. ORGANIC CARBON CONTENT (%)					

19. SIZE ANALYSIS AND STATISTICAL MEASURES

a. < -2$_\phi$ (%)		OD_ϕ 3.10	OD_ϕ	OD_ϕ	OD_ϕ
b. -2$_\phi$ to -1$_\phi$ (%)	5	SK_ϕ 1.14	SK_ϕ	SK_ϕ	SK_ϕ
c. -1$_\phi$ to 0$_\phi$ (%)	7	Md_ϕ 3.21	Md_ϕ	Md_ϕ	Md_ϕ
d. 0$_\phi$ to 1$_\phi$ (%)	10	$\sigma_{1\phi}$ 1.25	$\sigma_{1\phi}$	$\sigma_{1\phi}$	$\sigma_{1\phi}$
e. 1$_\phi$ to 2$_\phi$ (%)	12	$\sigma_{3\phi}$ 7.45	$\sigma_{3\phi}$	$\sigma_{3\phi}$	$\sigma_{3\phi}$
f. 2$_\phi$ to 3$_\phi$ (%)	13				
g. 3$_\phi$ to 4$_\phi$ (%)	15				
h. 4$_\phi$ to 6$_\phi$ (%)	14				
i. 6$_\phi$ to 9$_\phi$ (%)	9				
j. > 9$_\phi$ (%)	14				
20. SUBSAMPLE DRY WEIGHT (gm)	19.87				
21. SPHERICITY (avg.)					
22. ROUNDNESS (avg.)					
23. SURFACE TEXTURE (avg.)					
24. DOMINANT MINERAL (%)					
25. SECONDARY MINERAL (%)					
26. OTHER MINERALS (%)					

27. REMARKS: Items 11-26 determined in the lab.

Sediment Type	Silty Sand

NAVY-DPD PRNC WASH. D.C.

SEDIMENT ANALYSIS SHEET
PRNC-NHO-1560 (Rev. 1-58)

1. SAMPLE NUMBER	Serial #8; Station PG-25		5. SAMPLER TYPE	Phleger	
2. LATITUDE	27° 42' N		6. WATER DEPTH (fm.)	30	
3. LONGITUDE	51° 25' E		7. CORE LENGTH (in.)	14	
4. DATE (Day, month, year)	23 February 1960		8. CORE PENETRATION (in.)	24	
9. LABORATORY NUMBERS	5522	5523			
10. SUBSAMPLE DEPTH IN CORE (in.)	0-2	12-14			
11. COLOR	Greenish Gray 5GY6/1	Greenish Gray 5GY6/1			
12. ODOR					
13. WET DENSITY (lb./ft^3)					
14. RIGIDENSE (mm)					
15. MAXIMUM POROSITY (%)					
16. MINIMUM POROSITY (%)					
17. WATER CONTENT (%)					
18. ORGANIC CARBON CONTENT (%)					

19. SIZE ANALYSIS AND STATISTICAL MEASURES

a. < -2$_\phi$ (%)		OD_ϕ	OD_ϕ	OD_ϕ	OD_ϕ
b. -2$_\phi$ to -1$_\phi$ (%)		SK_ϕ	SK_ϕ	SK_ϕ	SK_ϕ
c. -1$_\phi$ to 0$_\phi$ (%)		Md_ϕ 8.95	Md_ϕ 8.86	Md_ϕ	Md_ϕ
d. 0$_\phi$ to 1$_\phi$ (%)		$\sigma_{1\phi}$ 7.45	$\sigma_{1\phi}$ 7.45	$\sigma_{1\phi}$	$\sigma_{1\phi}$
e. 1$_\phi$ to 2$_\phi$ (%)	1	$\sigma_{3\phi}$	1 $\sigma_{3\phi}$	$\sigma_{3\phi}$	$\sigma_{3\phi}$
f. 2$_\phi$ to 3$_\phi$ (%)					
g. 3$_\phi$ to 4$_\phi$ (%)					
h. 4$_\phi$ to 6$_\phi$ (%)	6		5		
i. 6$_\phi$ to 9$_\phi$ (%)	44		47		
j. > 9$_\phi$ (%)	49		47		
20. SUBSAMPLE DRY WEIGHT (gm)	15.08		18.60		
21. SPHERICITY (avg.)					
22. ROUNDNESS (avg.)					
23. SURFACE TEXTURE (avg.)					
24. DOMINANT MINERAL (%)					
25. SECONDARY MINERAL (%)					
26. OTHER MINERALS (%)					

27. REMARKS: Items 11-26 determined in the lab.

Sediment Type	Clayey Silt	Clayey Silt

NAVY-DPD PRNC WASH. D.C.

SEDIMENT ANALYSIS SHEET
PRNC-NHO-1550 (Rev. 1-58)

1. SAMPLE NUMBER	Serial #9; Station PG-22		5. SAMPLER TYPE	Phleger	
2. LATITUDE	27 40 N		6. WATER DEPTH (fm.)	30	
3. LONGITUDE	50 36 E		7. CORE LENGTH (in.)	4½	
4. DATE (Day, month, year)	26 February 1960		8. CORE PENETRATION (in.)	18	
9. LABORATORY NUMBERS	5519	5520			
10. SUBSAMPLE DEPTH IN CORE (in.)	0-2	2-4½			
11. COLOR	Light Olive Gray 5Y6/2	Light Olive Gray 5Y6/2			
12. ODOR					
13. WET DENSITY (lb./ft³)					
14. RIGIDENSE (mm)					
15. MAXIMUM POROSITY (%)					
16. MINIMUM POROSITY (%)					
17. WATER CONTENT (%)					
18. ORGANIC CARBON CONTENT (%)					
19. SIZE ANALYSIS AND STATISTICAL MEASURES					
a. < -2$_\phi$ (%)		OD$_\phi$ 2.69	OD$_\phi$ 2.62	OD$_\phi$	OD$_\phi$
b. -2$_\phi$ to -1$_\phi$ (%)	2	SK$_\phi$ 0.39	2 SK$_\phi$ 0.02	SK$_\phi$	SK$_\phi$
c. -1$_\phi$ to 0$_\phi$ (%)	4	Md$_\phi$ 5.20	6 Md$_\phi$ 4.00	Md$_\phi$	Md$_\phi$
d. 0$_\phi$ to 1$_\phi$ (%)	6	01$_\phi$ 2.90	11 01$_\phi$ 1.40	01$_\phi$	01$_\phi$
e. 1$_\phi$ to 2$_\phi$ (%)	6	03$_\phi$ 8.29	14 03$_\phi$ 6.65	03$_\phi$	03$_\phi$
f. 2$_\phi$ to 3$_\phi$ (%)	8		12		
g. 3$_\phi$ to 4$_\phi$ (%)	9		5		
h. 4$_\phi$ to 5$_\phi$ (%)	27		20		
i. 5$_\phi$ to 9$_\phi$ (%)	15		12		
j. > 9$_\phi$ (%)	24		18		
20. SUBSAMPLE DRY WEIGHT (gm)	19.28		34.82		
21. SPHERICITY (avg.)					
22. ROUNDNESS (avg.)					
23. SURFACE TEXTURE (avg.)					
24. DOMINANT MINERAL (%)					
25. SECONDARY MINERAL (%)					
26. OTHER MINERALS (%)					

27. REMARKS: Items 11-26 determined in the lab.

Sediment Type	Silty Mud	Silty Sand

NAVY-DPPO PRNC. WASH. D.C.

SEDIMENT ANALYSIS SHEET
PRNC-NHO-1550 (Rev. 1-58)

1. SAMPLE NUMBER	Serial #10; Station PG 17		5. SAMPLER TYPE	Phleger	
2. LATITUDE	28 17 N		6. WATER DEPTH (fm.)	30	
3. LONGITUDE	50 06 E		7. CORE LENGTH (in.)	3"	
4. DATE (Day, month, year)	27 February 1960		8. CORE PENETRATION (in.)	15	
9. LABORATORY NUMBERS	5493				
10. SUBSAMPLE DEPTH IN CORE (in.)					
11. COLOR	Light Olive Gray 5Y 5/2				
12. ODOR					
13. WET DENSITY (lb./ft³)					
14. RIGIDENSE (mm)					
15. MAXIMUM POROSITY (%)					
16. MINIMUM POROSITY (%)					
17. WATER CONTENT (%)					
18. ORGANIC CARBON CONTENT (%)					
19. SIZE ANALYSIS AND STATISTICAL MEASURES					
a. < -2$_\phi$ (%)		OD$_\phi$ 2.96	OD$_\phi$	OD$_\phi$	OD$_\phi$
b. -2$_\phi$ to -1$_\phi$ (%)	5	SK$_\phi$ +1.01	SK$_\phi$	SK$_\phi$	SK$_\phi$
c. -1$_\phi$ to 0$_\phi$ (%)	6	Md$_\phi$ 3.80	Md$_\phi$	Md$_\phi$	Md$_\phi$
d. 0$_\phi$ to 1$_\phi$ (%)	7	01$_\phi$ 1.85	01$_\phi$	01$_\phi$	01$_\phi$
e. 1$_\phi$ to 2$_\phi$ (%)	8	03$_\phi$ 7.78	03$_\phi$	03$_\phi$	03$_\phi$
f. 2$_\phi$ to 3$_\phi$ (%)	13				
g. 3$_\phi$ to 4$_\phi$ (%)	13				
h. 4$_\phi$ to 5$_\phi$ (%)	15				
i. 5$_\phi$ to 9$_\phi$ (%)	15				
j. > 9$_\phi$ (%)	17				
20. SUBSAMPLE DRY WEIGHT (gm)	21.32				
21. SPHERICITY (avg.)					
22. ROUNDNESS (avg.)					
23. SURFACE TEXTURE (avg.)					
24. DOMINANT MINERAL (%)					
25. SECONDARY MINERAL (%)					
26. OTHER MINERALS (%)					

27. REMARKS: ITEMS 11-26 DETERMINED IN THE LAB.

SEDIMENT TYPE	SILTY SAND

NAVY-DPPO PRNC. WASH. D.C.

SEDIMENT ANALYSIS SHEET
PRNC-NHO-1560 (Rev. 1-58)

1. SAMPLE NUMBER	Serial 11; Station PG 10		5. SAMPLER TYPE	Phleger	
2. LATITUDE	28° 44' N		6. WATER DEPTH (fm.)	25	
3. LONGITUDE	49° 48' E		7. CORE LENGTH (in.)	6	
4. DATE (Day, month, year)	28 FEBRUARY 1960		8. CORE PENETRATION (in.)	12	
9. LABORATORY NUMBERS	5507				
10. SUBSAMPLE DEPTH IN CORE (in.)	0-3				
11. COLOR	LIGHT OLIVE GRAY 5Y 5/2				
12. ODOR					
13. WET DENSITY (lb./ft^3)					
14. RIGIDENSE (mm)					
15. MAXIMUM POROSITY (%)					
16. MINIMUM POROSITY (%)					
17. WATER CONTENT (%)					
18. ORGANIC CARBON CONTENT (%)					
19. SIZE ANALYSIS AND STATISTICAL MEASURES					
a. < -2$_\phi$ (%)		OD_ϕ 3.05	OD_ϕ	OD_ϕ	OD_ϕ
b. -2$_\phi$ to -1$_\phi$ (%)	3	SK_ϕ +1.05	SK_ϕ	SK_ϕ	SK_ϕ
c. -1$_\phi$ to 0$_\phi$ (%)	7	Md_ϕ 3.55	Md_ϕ	Md_ϕ	Md_ϕ
d. 0$_\phi$ to 1$_\phi$ (%)	9	$O1_\phi$ 1.55	$O1_\phi$	$O1_\phi$	$O1_\phi$
e. 1$_\phi$ to 2$_\phi$ (%)	11	$O3_\phi$ 7.65	$O3_\phi$	$O3_\phi$	$O3_\phi$
f. 2$_\phi$ to 3$_\phi$ (%)	17				
g. 3$_\phi$ to 4$_\phi$ (%)	10				
h. 4$_\phi$ to 6$_\phi$ (%)	13				
i. 6$_\phi$ to 9$_\phi$ (%)	10				
j. > 9$_\phi$ (%)	20				
20. SUBSAMPLE DRY WEIGHT (gm)	20.79				
21. SPHERICITY (avg.)					
22. ROUNDNESS (avg.)					
23. SURFACE TEXTURE (avg.)					
24. DOMINANT MINERAL (%)					
25. SECONDARY MINERAL (%)					
26. OTHER MINERALS (%)					

27. REMARKS: ITEMS 11-26 DETERMINED IN THE LAB.

SEDIMENT TYPE	SANDY MUD

NAVY-DPPO PRNC. WASH. D.C.

SEDIMENT ANALYSIS SHEET
PRNC-NHO-1560 (Rev. 1-58)

1. SAMPLE NUMBER	Serial 12; Station PG-9A		5. SAMPLER TYPE	Phleger	
2. LATITUDE	28° 43' N		6. WATER DEPTH (fm.)	20	
3. LONGITUDE	48° 54' E		7. CORE LENGTH (in.)	8.5	
4. DATE (Day, month, year)	28 February 1960		8. CORE PENETRATION (in.)	24	
9. LABORATORY NUMBERS	5505	5506			
10. SUBSAMPLE DEPTH IN CORE (in.)	0-2	6.5-8.5			
11. COLOR	Greenish Gray 5GY6/1	Greenish Gray 5GY6/1			
12. ODOR					
13. WET DENSITY (lb./ft^3)					
14. RIGIDENSE (mm)					
15. MAXIMUM POROSITY (%)					
16. MINIMUM POROSITY (%)					
17. WATER CONTENT (%)					
18. ORGANIC CARBON CONTENT (%)					
19. SIZE ANALYSIS AND STATISTICAL MEASURES					
a. < -2$_\phi$ (%)		OD_ϕ	OD_ϕ	OD_ϕ	OD_ϕ
b. -2$_\phi$ to -1$_\phi$ (%)		SK_ϕ	SK_ϕ	SK_ϕ	SK_ϕ
c. -1$_\phi$ to 0$_\phi$ (%)	1	Md_ϕ 7.32	4	Md_ϕ 5.45	Md_ϕ
d. 0$_\phi$ to 1$_\phi$ (%)	1	$O1_\phi$ 5.02	5	$O1_\phi$ 2.75	$O1_\phi$
e. 1$_\phi$ to 2$_\phi$ (%)	1	$O3_\phi$	6	$O3_\phi$	$O3_\phi$
f. 2$_\phi$ to 3$_\phi$ (%)	5		13		
g. 3$_\phi$ to 4$_\phi$ (%)	6		8		
h. 4$_\phi$ to 6$_\phi$ (%)	25		19		
i. 6$_\phi$ to 9$_\phi$ (%)	19		15		
j. > 9$_\phi$ (%)	41		29		
20. SUBSAMPLE DRY WEIGHT (gm)	16.39		20.14		
21. SPHERICITY (avg.)					
22. ROUNDNESS (avg.)					
23. SURFACE TEXTURE (avg.)					
24. DOMINANT MINERAL (%)					
25. SECONDARY MINERAL (%)					
26. OTHER MINERALS (%)					

27. REMARKS: Items 11-26 determined in the lab.

Sediment Type	Clayey Silt	Sandy Mud

NAVY-DPPO PRNC. WASH. D.C.

SEDIMENT ANALYSIS SHEET
PRNC-WHO-1560 (Rev. 1-58)

1. SAMPLE NUMBER	Serial #13 ; Station PS-1		5. SAMPLER TYPE	Phleger	
2. LATITUDE	29 ° 43 ' N		6. WATER DEPTH (fm.)	9	
3. LONGITUDE	48 ° 49.8 ' E		7. CORE LENGTH (in.)	10	
4. DATE (Day, month, year)	29 February 1960		8. CORE PENETRATION (in.)	18	
9. LABORATORY NUMBERS	5494	5495			
10. SUBSAMPLE DEPTH IN CORE (in.)	0-2	8-10			
11. COLOR	Light Olive Gray* 5Y6/1	Light Olive Gray 5Y6/1			
12. ODOR					
13. WET DENSITY (lb./ft^3)					
14. RIGIDENSE (mm)					
15. MAXIMUM POROSITY (%)					
16. MINIMUM POROSITY (%)					
17. WATER CONTENT (%)					
18. ORGANIC CARBON CONTENT (%)					
19. SIZE ANALYSIS AND STATISTICAL MEASURES					
a. $> -2_\phi$ (%)		OD_ϕ		OD_ϕ	OD_ϕ
b. -2_ϕ to -1_ϕ (%)	2	SK_ϕ		SK_ϕ	SK_ϕ
c. -1_ϕ to 0_ϕ (%)	3	Md_ϕ 7.35		Md_ϕ 6.35	Md_ϕ
d. 0_ϕ to 1_ϕ (%)	2	QI_ϕ 3.40	3	QI_ϕ 3.25	QI_ϕ
e. 1_ϕ to 2_ϕ (%)	1	$\sigma_{3\phi}$		$\sigma_{3\phi}$	$\sigma_{3\phi}$
f. 2_ϕ to 3_ϕ (%)	13		18		
g. 3_ϕ to 4_ϕ (%)	9		14		
h. 4_ϕ to 6_ϕ (%)	10		13		
i. 6_ϕ to 9_ϕ (%)	23		19		
j. $> 9_\phi$ (%)	37		33		
20. SUBSAMPLE DRY WEIGHT (gm)	21.39		16.82		
21. SPHERICITY (avg.)					
22. ROUNDNESS (avg.)					
23. SURFACE TEXTURE (avg.)					
24. DOMINANT MINERAL (%)					
25. SECONDARY MINERAL (%)					
26. OTHER MINERALS (%)					

27. REMARKS: Items 11-26 determined in the lab.

*The sample contained a vertical layer of sand and shell extending from 0-4". With dark streaks.

Sediment Type | Clayey Mud | Sandy Mud

NAVY-OPNS PRNC WASH D C

SEDIMENT ANALYSIS SHEET
PRNC-WHO-1560 (Rev. 1-58)

1. SAMPLE NUMBER	Serial #14 ; Station PS 7		5. SAMPLER TYPE	Phleger	
2. LATITUDE	29 ° 15 ' N		6. WATER DEPTH (fm.)	20	
3. LONGITUDE	49 ° 20 ' E		7. CORE LENGTH (in.)	3	
4. DATE (Day, month, year)	2 March 1960		8. CORE PENETRATION (in.)	14	
9. LABORATORY NUMBERS	5490				
10. SUBSAMPLE DEPTH IN CORE (in.)					
11. COLOR	Light Olive Gray 5Y 5/2				
12. ODOR					
13. WET DENSITY (lb./ft^3)					
14. RIGIDENSE (mm)					
15. MAXIMUM POROSITY (%)					
16. MINIMUM POROSITY (%)					
17. WATER CONTENT (%)					
18. ORGANIC CARBON CONTENT (%)					
19. SIZE ANALYSIS AND STATISTICAL MEASURES					
a. $> -2_\phi$ (%)		OD_ϕ 2.28		OD_ϕ	OD_ϕ
b. -2_ϕ to -1_ϕ (%)		SK_ϕ +0.66		SK_ϕ	SK_ϕ
c. -1_ϕ to 0_ϕ (%)	3	Md_ϕ 5.05		Md_ϕ	Md_ϕ
d. 0_ϕ to 1_ϕ (%)	5	QI_ϕ 3.43		QI_ϕ	QI_ϕ
e. 1_ϕ to 2_ϕ (%)	5	$\sigma_{3\phi}$ 8.00		$\sigma_{3\phi}$	$\sigma_{3\phi}$
f. 2_ϕ to 3_ϕ (%)	7				
g. 3_ϕ to 4_ϕ (%)	14				
h. 4_ϕ to 6_ϕ (%)	29				
i. 6_ϕ to 9_ϕ (%)	15				
j. $> 9_\phi$ (%)	22				
20. SUBSAMPLE DRY WEIGHT (gm)	29.91				
21. SPHERICITY (avg.)					
22. ROUNDNESS (avg.)					
23. SURFACE TEXTURE (avg.)					
24. DOMINANT MINERAL (%)					
25. SECONDARY MINERAL (%)					
26. OTHER MINERALS (%)					

27. REMARKS: ITEMS 11-26 DETERMINED IN THE LAB.

SEDIMENT TYPE | SILTY MUD

NAVY-OPNS PRNC WASH D.C.

SEDIMENT ANALYSIS SHEET
PRNC-NHO-1560 (Rev. 1-58)

1. SAMPLE NUMBER Serial #15; Station PB 3		5. SAMPLER TYPE Phleger	
2. LATITUDE 29° 55' N		6. WATER DEPTH (fm.) 8	
3. LONGITUDE 49° 57' E		7. CORE LENGTH (in.) 16	
4. DATE (Day, month, year) 2 March 1960		8. CORE PENETRATION (in.) 21	
9. LABORATORY NUMBERS	5497	5498	5499
10. SUBSAMPLE DEPTH IN CORE (in.)	0-2	2-4	14-16
11. COLOR	Greenish Gray 5 GY 6/1 *	Greenish Gray 5 GY 6/1	Greenish Gray 5 GY 6/1
12. ODOR			
13. WET DENSITY (lb./ft^3)			
14. RIGIDENSE (mm)			
15. MAXIMUM POROSITY (%)			
16. MINIMUM POROSITY (%)			
17. WATER CONTENT (%)			
18. ORGANIC CARBON CONTENT (%)			
19. SIZE ANALYSIS AND STATISTICAL MEASURES			
a. < -2_ϕ (%)	OD$_\phi$	OD$_\phi$	OD$_\phi$
b. -2_ϕ to -1_ϕ (%)	SK$_\phi$	SK$_\phi$	SK$_\phi$
c. -1_ϕ to 0_ϕ (%)	Md$_\phi$	Md$_\phi$	Md$_\phi$
d. 0_ϕ to 1_ϕ (%) 2	$Q1_\phi$	3 $Q1_\phi$	$Q1_\phi$
e. 1_ϕ to 2_ϕ (%)	$Q3_\phi$	$Q3_\phi$	2 $Q3_\phi$
f. 2_ϕ to 3_ϕ (%)			
g. 3_ϕ to 4_ϕ (%)			1
h. 4_ϕ to 6_ϕ (%)	8	7	7
i. 6_ϕ to 9_ϕ (%)	38	37	37
j. > 9_ϕ (%)	52	53	51
20. SUBSAMPLE DRY WEIGHT (gm)	16.06	14.77	13.85
21. SPHERICITY (avg.)			
22. ROUNDNESS (avg.)			
23. SURFACE TEXTURE (avg.)			
24. DOMINANT MINERAL (%)			
25. SECONDARY MINERAL (%)			
26. OTHER MINERALS (%)			

27. REMARKS: Items 11-26 determined in the lab.

* The sample contained dark streaks extending from 0-2".

Sediment Type	Silty Clay	Silty Clay	Silty Clay

NAVY-DPPO PRNC WASH. D.C.

SEDIMENT ANALYSIS SHEET
PRNC-NHO-1560 (Rev. 1-58)

1. SAMPLE NUMBER Serial #16; Station PB 2		5. SAMPLER TYPE Phleger	
2. LATITUDE 29° 47' N		6. WATER DEPTH (fm.) 8	
3. LONGITUDE 49° 32' E		7. CORE LENGTH (in.) 7½	
4. DATE (Day, month, year) 3 March 1960		8. CORE PENETRATION (in.) 14	
9. LABORATORY NUMBERS	5496		
10. SUBSAMPLE DEPTH IN CORE (in.)	0-2		
11. COLOR	Light Olive Gray 5 Y 6/1 *		
12. ODOR			
13. WET DENSITY (lb./ft^3)			
14. RIGIDENSE (mm)			
15. MAXIMUM POROSITY (%)			
16. MINIMUM POROSITY (%)			
17. WATER CONTENT (%)			
18. ORGANIC CARBON CONTENT (%)			
19. SIZE ANALYSIS AND STATISTICAL MEASURES			
a. < -2_ϕ (%)	OD$_\phi$	OD$_\phi$	OD$_\phi$
b. -2_ϕ to -1_ϕ (%) 2	SK$_\phi$	SK$_\phi$	SK$_\phi$
c. -1_ϕ to 0_ϕ (%) 4	Md$_\phi$ 5.79	Md$_\phi$	Md$_\phi$
d. 0_ϕ to 1_ϕ (%) 4	$Q1_\phi$ 3.64	$Q1_\phi$	$Q1_\phi$
e. 1_ϕ to 2_ϕ (%) 3	$Q3_\phi$	$Q3_\phi$	$Q3_\phi$
f. 2_ϕ to 3_ϕ (%) 6			
g. 3_ϕ to 4_ϕ (%) 11			
h. 4_ϕ to 6_ϕ (%) 22			
i. 6_ϕ to 9_ϕ (%) 21			
j. > 9_ϕ (%) 28			
20. SUBSAMPLE DRY WEIGHT (gm)	15.79		
21. SPHERICITY (avg.)			
22. ROUNDNESS (avg.)			
23. SURFACE TEXTURE (avg.)			
24. DOMINANT MINERAL (%)			
25. SECONDARY MINERAL (%)			
26. OTHER MINERALS (%)			

27. REMARKS: Items 11-26 determined in the lab.

* The sample contained medium gray streaks (N-5)

Sediment Type	Silty Mud

NAVY-DPPO PRNC WASH. D.C.

SEDIMENT ANALYSIS SHEET
PRNC-MHO-1560 (Rev. 1-58)

1. SAMPLE NUMBER Serial # 17 ; Station PG 4		5. SAMPLER TYPE Phleger	
2. LATITUDE 29 43.5 N		5. WATER DEPTH (fm.) 9	
3. LONGITUDE 50 12 E		7. CORE LENGTH (in.) 16	
4. DATE (Day, month, year) 5 March 1960		8. CORE PENETRATION (in.) 24	
9. LABORATORY NUMBERS	5500	5501	5502
10. SUBSAMPLE DEPTH IN CORE (in.)	0-2	8-10	14-16
11. COLOR	Greenish Gray 5 GY 6/1	Greenish Gray 5 GY 6/1	Greenish Gray 5 GY 6/1
12. ODOR			
13. WET DENSITY (lb./ft^3)			
14. RIGIDENSE (mm)			
15. MAXIMUM POROSITY (%)			
16. MINIMUM POROSITY (%)			
17. WATER CONTENT (%)			
18. ORGANIC CARBON CONTENT (%)			

19. SIZE ANALYSIS AND STATISTICAL MEASURES

a. < -2_ϕ (%)		OD_z		OD_t		OD_z		OD_ϕ
b. -2_ϕ to -1_ϕ (%)		SK_z		SK_t	2	SK_z		SK_ϕ
c. -1_ϕ to 0_ϕ (%)		Md_z		Md_ϕ 9.00		Md_ϕ 9.00		Md_ϕ
d. 0_ϕ to 1_ϕ (%)		01_ϕ	4	01_ϕ 7.20		01_ϕ 7.20		01_ϕ
e. 1_ϕ to 2_ϕ (%)	2	03_ϕ		03_ϕ	3	03_ϕ		03_ϕ
f. 2_ϕ to 3_ϕ (%)								
g. 3_ϕ to 4_ϕ (%)								
h. 4_ϕ to 6_ϕ (%)	7		8		9			
i. 6_ϕ to 9_ϕ (%)	39		38		36			
j. > 9_ϕ (%)	52		51		50			
20. SUBSAMPLE DRY WEIGHT (gm)	10.26		11.53		12.22			
21. SPHERICITY (avg.)								
22. ROUNDNESS (avg.)								
23. SURFACE TEXTURE (avg.)								
24. DOMINANT MINERAL (%)								
25. SECONDARY MINERAL (%)								
26. OTHER MINERALS (%)								

27. REMARKS:
Items 11-26 determined in the lab.

Sediment Type	Silty Clay	Silty Clay	Silty Clay

NAVY-SPFO PRNC. WASH., D.C.

SEDIMENT ANALYSIS SHEET
PRNC-MHO-1560 (Rev. 1-58)

1. SAMPLE NUMBER Serial 18; Station PG 13		5. SAMPLER TYPE PHLEGER	
2. LATITUDE 29 32.5 N		5. WATER DEPTH (fm.) 7	
3. LONGITUDE 50 25 E		7. CORE LENGTH (in.) 12	
4. DATE (Day, month, year) 5 March 1960		8. CORE PENETRATION (in.) 18	
9. LABORATORY NUMBERS	5508	5509	5510
10. SUBSAMPLE DEPTH IN CORE (in.)	0-2	5-7	10-12
11. COLOR	Greenish Gray 5 GY 6/1 *	Greenish Gray 5 GY 6/1	Greenish Gray 5 GY 6/1
12. ODOR			
13. WET DENSITY (lb./ft^3)			
14. RIGIDENSE (mm)			
15. MAXIMUM POROSITY (%)			
16. MINIMUM POROSITY (%)			
17. WATER CONTENT (%)			
18. ORGANIC CARBON CONTENT (%)			

19. SIZE ANALYSIS AND STATISTICAL MEASURES

a. < -2_ϕ (%)		OD_z		OD_t		OD_z		OD_ϕ
b. -2_ϕ to -1_ϕ (%)	1	SK_z	2	SK_t		SK_z		SK_ϕ
c. -1_ϕ to 0_ϕ (%)		Md_z 8.60	1	Md_ϕ 8.40		Md_ϕ 9.00		Md_ϕ
d. 0_ϕ to 1_ϕ (%)	1	01_ϕ 6.95	1	01_ϕ 6.30		01_ϕ 6.95		01_ϕ
e. 1_ϕ to 2_ϕ (%)	1	03_ϕ	2	03_ϕ	2	03_ϕ		03_ϕ
f. 2_ϕ to 3_ϕ (%)	1		2					
g. 3_ϕ to 4_ϕ (%)	1		1					
h. 4_ϕ to 6_ϕ (%)	10		13		13			
i. 6_ϕ to 9_ϕ (%)	42		36		35			
j. > 9_ϕ (%)	44		43		51			
20. SUBSAMPLE DRY WEIGHT (gm)	17.18		14.60		12.33			
21. SPHERICITY (avg.)								
22. ROUNDNESS (avg.)								
23. SURFACE TEXTURE (avg.)								
24. DOMINANT MINERAL (%)								
25. SECONDARY MINERAL (%)								
26. OTHER MINERALS (%)								

27. REMARKS:
Items 11-26 determined in the lab.
* The sample contained dark grayish streaks.

Sediment Type	Clayey Silt	Clayey Silt	Silty Clay

NAVY-SPFO PRNC. WASH., D.C.

OCEANOGRAPHIC LOG SHEET-R
PRNC-NHO-3167/18 (Rev. 4-60)

SEDIMENT ANALYSIS SUMMARY SHEET

1. CRUISE NO. 00865	2. SAMPLE NO. BS-1	Station PG 33	3. SAMPLER TYPE Phleger
4. LATITUDE 27° 008'	" N	7. WATER DEPTH (meters)	16.47
5. LONGITUDE 086° 20.8'	" E	8. CORE LENGTH (cm)	21.8
6. DATE (day, month, year) 5 January 1961		9. CORE PENETRATION (cm)	60.0

10. LABORATORY NUMBER	7141	7142	7143
11. SUB SAMPLE DEPTH IN CORE (cm)	0-6	6-11	17-21.8
12. COLOR (by the GSA rock color chart) F FIELD L LAB. DETERMINATION	Grayish Green* F 10GY5/2	Grayish Green F 10GY5/2	Grayish Green F 10GY5/2
13. ODOR (earthy, moldy, rank, H_2S, etc.)			
14. SIZE ANALYSIS and STATISTICAL MEASURES			
a. % COARSER THAN SAND (<−1 ϕ)			
b. % SAND	14	19	23
c. % SILT	61	61	56
d. % CLAY	24	20	21
e. SEDIMENT TYPE	Clayey Silt	Clayey Silt	Silty Mud
f. PHI MEDIAN DIAMETER (Md ϕ)	6.00	5.55	5.62
15. CHEMICAL ANALYSIS			
a. $CaCO_3$ (%)	47	49	48
b. Organic Carbon (%)	0.70		

*Contained black streaks

OCEANOGRAPHIC LOG SHEET-R
PRNC-NHO-3167/18 (Rev. 4-60)

SEDIMENT ANALYSIS SUMMARY SHEET

1. CRUISE NO. 00865	2. SAMPLE NO. BS-2	Station PG 34	3. SAMPLER TYPE Phleger
4. LATITUDE 26° 58'	" "	7. WATER DEPTH (meters)	32
5. LONGITUDE 56° 36'	" "	8. CORE LENGTH (cm)	12
6. DATE (day, month, year) 6 January 1961		9. CORE PENETRATION (cm)	?

10. LABORATORY NUMBER	7272	7273
11. SUB SAMPLE DEPTH IN CORE (cm)	0-5	8-12
12. COLOR (by the GSA rock color chart) F FIELD L LAB. DETERMINATION	Dusky Yellow Green 5GY5/2	Dusky Yellow Green 5GY5/2
13. ODOR (earthy, moldy, rank, H_2S, etc.)		
14. SIZE ANALYSIS and STATISTICAL MEASURES		
a. % COARSER THAN SAND (<−1 ϕ)		
b. % SAND	1	Trace
c. % SILT	50	46
d. % CLAY	50	54
e. SEDIMENT TYPE	Silty Clay	Silty Clay
f. PHI MEDIAN DIAMETER (Md ϕ)	8.95	
15. CHEMICAL ANALYSIS		
a. $CaCO_3$ (%)	35	37
b. Organic Carbon (%)	0.89	

OCEANOGRAPHIC LOG SHEET-R
PRNC-NHO-3167/18 (Rev. 4-60)

SEDIMENT ANALYSIS SUMMARY SHEET

1. CRUISE NO. 00865	2. SAMPLE NO. BS-3	Station PG 38	3. SAMPLER TYPE Phleger
4. LATITUDE 26° 42.6'	" N	7. WATER DEPTH (meters)	457
5. LONGITUDE 056° 56.3'	" E	8. CORE LENGTH (cm)	56.2
6. DATE (day, month, year) 6 January 1961		9. CORE PENETRATION (cm)	91.8

10. LABORATORY NUMBER	7020	7021	7022	7023	7024
11. SUB SAMPLE DEPTH IN CORE (cm)	0-4.6	16-20	30-34	43.5-47.5	47.5-52
12. COLOR (by the GSA rock color chart) F FIELD L LAB. DETERMINATION	Greenish Gray F 5GY6/1	Greenish Gray F 5GY6/1	Greenish Gray F 5GY6/1	Greenish Gray F 5GY6/1	Greenish Gray F 5GY6/1
13. ODOR (earthy, moldy, rank, H_2S, etc.)					
14. SIZE ANALYSIS and STATISTICAL MEASURES					
a. % COARSER THAN SAND (<−1 ϕ)					
b. % SAND	Trace	Trace	1	Trace	Trace
c. % SILT	56	56	57	59	56
d. % CLAY	44	44	43	41	44
e. SEDIMENT TYPE	Clayey Silt	Clayey Silt	Clayey Silt	Clayey Silt	Clayey Silt
f. PHI MEDIAN DIAMETER (Md ϕ)	8.71	8.70	8.63	8.50	8.65
15. CHEMICAL ANALYSIS					
a. $CaCO_3$ (%)	31	31	32	31	32
b. Organic Carbon (%)	0.77				

Dark streaks throughout the first 47½ inches

OCEANOGRAPHIC LOG SHEET-R
PRNC-NHO-3167/18 (Rev. 4-60)

SEDIMENT ANALYSIS SUMMARY SHEET

1. CRUISE NO. 00865	2. SAMPLE NO. BS-4 Station PG 39		3. SAMPLER TYPE Phleger		
4. LATITUDE 26° 31' "N	7. WATER DEPTH (meters) 54.9				
5. LONGITUDE 056° 57' "E	8. CORE LENGTH (cm) 52.6				
6. DATE (day, month, year) 7 January 1961	9. CORE PENETRATION (cm) 91.4				
10. LABORATORY NUMBER	7039	7040	7041	7042	7043
11. SUB SAMPLE DEPTH IN CORE (cm)	0-5	18.5-23.5	23.5-38	43.5-48	48-52.6
12. COLOR (by the GSA rock color chart) F FIELD L LAB. DETERMINATION	F Greenish Gray 5GY6/1	F Greenish Gray 5GY6/1	F Greenish Gray 5GY6/1	F Greenish Gray 5GY6/1	F Greenish Gray 5GY6/1
13. ODOR (earthy, moldy, rank, H_2S, etc.)	L Foul	L Foul	L Foul	L Foul	L Foul
14. SIZE ANALYSIS and STATISTICAL MEASURES					
a. % COARSER THAN SAND (<−1 ϕ)					
b. % SAND	Trace	1	Trace	Trace	1
c. % SILT	52	54	54	52	51
d. % CLAY	48	46	46	48	48
e. SEDIMENT TYPE	Clayey Silt	Clayey Silt	Clayey Silt	Clayey Silt	Clayey Silt
f. PHI MEDIAN DIAMETER (Md ϕ)	8.90	8.70	8.83	8.90	8.90
15. CHEMICAL ANALYSIS					
a. $CaCO_3$ (%)	37	39	37	37	37
b. Organic Carbon (%)					

The core contained black streaks (hyerotrolite?) in the first 23.5 cm and the last 4.5 cm.

OCEANOGRAPHIC LOG SHEET-R
PRNC-NHO-3167/18 (Rev. 4-60)

SEDIMENT ANALYSIS SUMMARY SHEET

1. CRUISE NO. 00865	2. SAMPLE NO. BS-5 Station PG 40		3. SAMPLER TYPE Orange Peel		
4. LATITUDE 26° 21' "N	7. WATER DEPTH (meters) 53				
5. LONGITUDE 056° 59' "E	8. CORE LENGTH (cm) –				
6. DATE (day, month, year) 10 January 1961	9. CORE PENETRATION (cm) –				
10. LABORATORY NUMBER	7683				
11. SUB SAMPLE DEPTH IN CORE (cm)					
12. COLOR (by the GSA rock color chart) F FIELD L LAB. DETERMINATION	Greenish Gray* 5GY6/1				
13. ODOR (earthy, moldy, rank, H_2S, etc.)					
14. SIZE ANALYSIS and STATISTICAL MEASURES					
a. % COARSER THAN SAND (<−1 ϕ)					
b. % SAND	Trace				
c. % SILT	60				
d. % CLAY	40				
e. SEDIMENT TYPE	Clayey Silt				
f. PHI MEDIAN DIAMETER (Md ϕ)	8.50				
15. CHEMICAL ANALYSIS					
a. $CaCO_3$ (%)	36				
b. Organic Carbon (%)					

*Contains black streaks

OCEANOGRAPHIC LOG SHEET-R
PRNC-NHO-3167/18 (Rev. 4-60)

SEDIMENT ANALYSIS SUMMARY SHEET

1. CRUISE NO. 00865	2. SAMPLE NO. BS-6 Station PG 36		3. SAMPLER TYPE Orange Peel		
4. LATITUDE 26° 37' "N	7. WATER DEPTH (meters) 76.8				
5. LONGITUDE 056° 30' "E	8. CORE LENGTH (cm) –				
6. DATE (day, month, year) 11 January 1961	9. CORE PENETRATION (cm) –				
10. LABORATORY NUMBER	7684				
11. SUB SAMPLE DEPTH IN CORE (cm)					
12. COLOR (by the GSA rock color chart) F FIELD L LAB. DETERMINATION	Pale Olive 10Y4/2				
13. ODOR (earthy, moldy, rank, H_2S, etc.)					
14. SIZE ANALYSIS and STATISTICAL MEASURES					
a. % COARSER THAN SAND (<−1 ϕ)					
b. % SAND	20				
c. % SILT	46				
d. % CLAY	34				
e. SEDIMENT TYPE	Silty Mud				
f. PHI MEDIAN DIAMETER (Md ϕ)	6.56				

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SEDIMENT ANALYSIS SUMMARY SHEET

1. CRUISE NO. 00865	2. SAMPLE NO. BS-7	Station PG29	3. SAMPLER TYPE Orange Peel
4. LATITUDE 26° 34′ N	7. WATER DEPTH (meters) 51.2		
5. LONGITUDE 055° 48′ E	8. CORE LENGTH (cm) –		
6. DATE (day, month, year) 14 January 1961	9. CORE PENETRATION (cm) –		
10. LABORATORY NUMBER	7685	"	
11. SUB SAMPLE DEPTH IN CORE (cm)			
12. COLOR (by the GSA rock color chart) F FIELD L LAB. DETERMINATION	Dusky Yellow Green 5GY5/2		
13. ODOR (earthy, moldy, rank, H_2S, etc.)			
14. SIZE ANALYSIS and STATISTICAL MEASURES			
a. % COARSER THAN SAND (< −1 φ)	Trace		
b. % SAND	17		
c. % SILT	58		
d. % CLAY	25		
e. SEDIMENT TYPE	Clayey Silt		
f. PHI MEDIAN DIAMETER (Md φ)	5.95		
15. CHEMICAL ANALYSIS			
a. $CaCO_3$ (%)	63		
b. Organic Carbon			

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SEDIMENT ANALYSIS SUMMARY SHEET

1. CRUISE NO. 00865	2. SAMPLE NO. BS-8	Station PG30	3. SAMPLER TYPE Orange Peel
4. LATITUDE 26° 20′ N	7. WATER DEPTH (meters) 73.2		
5. LONGITUDE 055° 57′ E	8. CORE LENGTH (cm) –		
6. DATE (day, month, year) 15 January 1961	9. CORE PENETRATION (cm) –		
10. LABORATORY NUMBER	7686		
11. SUB SAMPLE DEPTH IN CORE (cm)			
12. COLOR (by the GSA rock color chart) F FIELD L LAB. DETERMINATION	Dusky Yellow Green 5GY5/2		
13. ODOR (earthy, moldy, rank, H_2S, etc.)			
14. SIZE ANALYSIS and STATISTICAL MEASURES			
a. % COARSER THAN SAND (< −1 φ)			
b. % SAND	21		
c. % SILT	46		
d. % CLAY	33		
e. SEDIMENT TYPE	Silty Mud		
f. PHI MEDIAN DIAMETER (Md φ)	7.47		
15. CHEMICAL ANALYSIS			
a. $CaCO_3$ (%)	66		
b. Organic Carbon (%)			

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SEDIMENT ANALYSIS SUMMARY SHEET

1. CRUISE NO. 00865	2. SAMPLE NO. BS-9	Station PG45	3. SAMPLER TYPE Orange Peel
4. LATITUDE 26° 39′ N	7. WATER DEPTH (meters) 14.6		
5. LONGITUDE 055° 48′ E	8. CORE LENGTH (cm) –		
6. DATE (day, month, year) 16 January 1961	9. CORE PENETRATION (cm) –		
10. LABORATORY NUMBER	7687		
11. SUB SAMPLE DEPTH IN CORE (cm)			
12. COLOR (by the GSA rock color chart) F FIELD L LAB. DETERMINATION	Dark Greenish Gray 5GY4/1		
13. ODOR (earthy, moldy, rank, H_2S, etc.)			
14. SIZE ANALYSIS and STATISTICAL MEASURES			
a. % COARSER THAN SAND (< −1 φ)			
b. % SAND	11		
c. % SILT	68		
d. % CLAY	21		
e. SEDIMENT TYPE	Clayey Silt		
f. PHI MEDIAN DIAMETER (Md φ)	5.96		
15. CHEMICAL ANALYSIS			
a. $CaCO_3$ (%)	57		
b. Organic Carbon (%)			

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SEDIMENT ANALYSIS SUMMARY SHEET

1. CRUISE NO. 00865	2. SAMPLE NO. BS-10	Station PG32	3. SAMPLER TYPE Orange Peel
4. LATITUDE 26° 30′ N	7. WATER DEPTH (meters) 82.3		
5. LONGITUDE 056° 11′ E	8. CORE LENGTH (cm) –		
6. DATE (day, month, year) 17 January 1961	9. CORE PENETRATION (cm) –		
10. LABORATORY NUMBER	7688		
11. SUB SAMPLE DEPTH IN CORE (cm)			
12. COLOR (by the GSA rock color chart) F FIELD L LAB. DETERMINATION	Grayish Olive 10Y4/2		
13. ODOR (earthy, moldy, rank, H_2S, etc.)			
14. SIZE ANALYSIS and STATISTICAL MEASURES			
a. % COARSER THAN SAND (< −1 φ)	Trace		
b. % SAND	70		
c. % SILT	17		
d. % CLAY	12		
e. SEDIMENT TYPE	Silty Sand		
f. PHI MEDIAN DIAMETER (Md φ)	1.97		
g. PHI DEVIATION MEASURE (σ φ)	3.64		
h. PHI SKEWNESS MEASURE (α φ)	0.65		
15. CHEMICAL ANALYSIS			
a. $CaCO_3$ (%)	82		
b. Organic Carbon (%)			

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SEDIMENT ANALYSIS SUMMARY SHEET

1. CRUISE NO. 00865	2. SAMPLE NO. BS-11 Station PG 31	3. SAMPLER TYPE Orange Peel	
4. LATITUDE 26° 05' "N	7. WATER DEPTH (meters) 497.5		
5. LONGITUDE 055° 55' "E	8. CORE LENGTH (cm)		
6. DATE (day, month, year) 17 January 1961	9. CORE PENETRATION (cm)		
10. LABORATORY NUMBER	7689		
11. SUB SAMPLE DEPTH IN CORE (cm)			
12. COLOR (by the GSA rock color chart) F FIELD L LAB. DETERMINATION	Dark Greenish Gray 5GY4/1		
13. ODOR (earthy, moldy, rank, H_2S, etc.)			
14. SIZE ANALYSIS and STATISTICAL MEASURES			
a. % COARSER THAN SAND (< −1 ϕ)	6		
b. % SAND	91		
c. % SILT	} 2		
d. % CLAY			
e. SEDIMENT TYPE	Sand		
f. PHI MEDIAN DIAMETER (Md ϕ)	1.12		
g. PHI DEVIATION MEASURE (σ ϕ)	1.18		
h. PHI SKEWNESS MEASURE (α ϕ)	−0.08		
15. CHEMICAL ANALYSIS			
a. $CaCO_3$ (%)	92		
b. Organic Carbon (%)			

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SEDIMENT ANALYSIS SUMMARY SHEET

1. CRUISE NO. 00865	2. SAMPLE NO. BS-12 Station PG 28	3. SAMPLER TYPE Orange Peel	
4. LATITUDE 26° 17' "N	7. WATER DEPTH (meters) 596		
5. LONGITUDE 055° 30' "E	8. CORE LENGTH (cm) –		
6. DATE (day, month, year) 20 January 1961	9. CORE PENETRATION (cm) –		
10. LABORATORY NUMBER	7690		
11. SUB SAMPLE DEPTH IN CORE (cm)			
12. COLOR (by the GSA rock color chart) F FIELD L LAB. DETERMINATION	Pale Olive 10Y6/2		
13. ODOR (earthy, moldy, rank, H_2S, etc.)			
14. SIZE ANALYSIS and STATISTICAL MEASURES			
a. % COARSER THAN SAND (< −1 ϕ)			
b. % SAND	31		
c. % SILT	37		
d. % CLAY	31		
e. SEDIMENT TYPE	Silty Mud		
f. PHI MEDIAN DIAMETER (Md ϕ)	6.70		
g. PHI DEVIATION MEASURE (σ ϕ)			
h. PHI SKEWNESS MEASURE (α ϕ)			
15. CHEMICAL ANALYSIS			
a. $CaCO_3$ (%)	70		
b. Organic Carbon (%)			

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SEDIMENT ANALYSIS SUMMARY SHEET

1. CRUISE NO. 00865	2. SAMPLE NO. BS-13 Station PG 18	3. SAMPLER TYPE Orange Peel	
4. LATITUDE 26° 50' "N	7. WATER DEPTH (meters) 18.9		
5. LONGITUDE 053° 28' "E	8. CORE LENGTH (cm) –		
6. DATE (day, month, year) 21 January 1961	9. CORE PENETRATION (cm) –		
10. LABORATORY NUMBER	7691		
11. SUB SAMPLE DEPTH IN CORE (cm)			
12. COLOR (by the GSA rock color chart) F FIELD L LAB. DETERMINATION	Medium Light Gray N6		
13. ODOR (earthy, moldy, rank, H_2S, etc.)			
14. SIZE ANALYSIS and STATISTICAL MEASURES			
a. % COARSER THAN SAND (< −1 ϕ)	13		
b. % SAND	86		
c. % SILT	} 2		
d. % CLAY			
e. SEDIMENT TYPE	Sand		
f. PHI MEDIAN DIAMETER (Md ϕ)	0.94		
g. PHI DEVIATION MEASURE (σ ϕ)	1.44		
h. PHI SKEWNESS MEASURE (α ϕ)	−0.17		
15. CHEMICAL ANALYSIS			
a. $CaCO_3$ (%)	98		
b. Organic Carbon (%)			

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SEDIMENT ANALYSIS SUMMARY SHEET

1. CRUISE NO. 00865	2. SAMPLE NO. BS-14 Station PG 1	3. SAMPLER TYPE Orange Peel	
4. LATITUDE 26° 28' "N	7. WATER DEPTH (meters) 27.4		
5. LONGITUDE 051° 20' "E	8. CORE LENGTH (cm) –		
6. DATE (day, month, year) 25 January 1961	9. CORE PENETRATION (cm) –		
10. LABORATORY NUMBER	7692		
11. SUB SAMPLE DEPTH IN CORE (cm)			
12. COLOR (by the GSA rock color chart) F FIELD L LAB. DETERMINATION	Yellowish Gray 5Y7/2 F		
13. ODOR (earthy, moldy, rank, H_2S, etc.)			
14. SIZE ANALYSIS and STATISTICAL MEASURES			
a. % COARSER THAN SAND (< −1 ϕ)	2		
b. % SAND	96		
c. % SILT	} 2		
d. % CLAY			
e. SEDIMENT TYPE	Sand		
f. PHI MEDIAN DIAMETER (Md ϕ)	2.25		
g. PHI DEVIATION MEASURE (σ ϕ)	1.22		
h. PHI SKEWNESS MEASURE (α ϕ)	0.30		
15. CHEMICAL ANALYSIS			
a. $CaCO_3$ (%)	93		
b. Organic Carbon (%)			

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SEDIMENT ANALYSIS SUMMARY SHEET

1. CRUISE NO. 00865	2. SAMPLE NO. BS-15 Station PG 7	3. SAMPLER TYPE Phleger	
4. LATITUDE 26° 52' N	7. WATER DEPTH (meters) 677		
5. LONGITUDE 51° 48' E	8. CORE LENGTH (cm) 33		
6. DATE (day, month, year) 26 January 1961	9. CORE PENETRATION (cm) 91.4		
10. LABORATORY NUMBER	7108	7109	7110
11. SUB SAMPLE DEPTH IN CORE (cm)	0-5	15-20	29-33
12. COLOR (by the GSA rock color chart) F FIELD L LAB. DETERMINATION	Dusky Yellow Green L 5GY5/2	Dusky Yellow Green L 5GY5/2	Dusky Yellow Green L 5GY5/2
13. ODOR (earthy, moldy, rank, H_2S, etc.)			
14. SIZE ANALYSIS and STATISTICAL MEASURES			
a. % COARSER THAN SAND (< −1 φ)	1	2	3
b. % SAND	38	34	33
c. % SILT	37	37	36
d. % CLAY	25	26	28
e. SEDIMENT TYPE	Sandy Mud	Silty Mud	Silty Mud
f. PHI MEDIAN DIAMETER (Md φ)	5.04	5.42	5.47
g. PHI DEVIATION MEASURE (σ φ)			
h. PHI SKEWNESS MEASURE (α φ)			
15. CHEMICAL ANALYSIS			
a. $CaCO_3$ (%)	72	71	71
b. Organic Carbon (%)			

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SEDIMENT ANALYSIS SUMMARY SHEET

1. CRUISE NO. 00865	2. SAMPLE NO. BS-16 Station PG 3	3. SAMPLER TYPE Phleger			
4. LATITUDE 27° 16' N	7. WATER DEPTH (meters) 512				
5. LONGITUDE 051° 56' E	8. CORE LENGTH (cm) 48				
6. DATE (day, month, year) 27 January 1961	9. CORE PENETRATION (cm) 91.4				
10. LABORATORY NUMBER	7144	7145	7146	7147	7148
11. SUB SAMPLE DEPTH IN CORE (cm)	0-5	8-12½	12½-17	28-32	43-48
12. COLOR (by the GSA rock color chart) F FIELD L LAB. DETERMINATION	Grayish Olive F 10Y4/2	Grayish Olive F 10Y4/2	Grayish Olive F 10Y4/2	Grayish Olive F 10Y4/2	Grayish Olive F 10Y4/2
13. ODOR (earthy, moldy, rank, H_2S, etc.)					
14. SIZE ANALYSIS and STATISTICAL MEASURES					
a. % COARSER THAN SAND (< −1 φ)	1	7	2	2	1
b. % SAND	32	31	13	8	8
c. % SILT	41	37	47	47	47
d. % CLAY	27	26	38	43	43
e. SEDIMENT TYPE	Silty Mud	Silty Mud	Clayey Silt	Clayey Silt	Clayey Silt
f. PHI MEDIAN DIAMETER (Md φ)	6.00	5.37	7.80	8.33	8.42
g. PHI DEVIATION MEASURE (σ φ)					
h. PHI SKEWNESS MEASURE (α φ)					
15. CHEMICAL ANALYSIS					
a. $CaCO_3$ (%)	73	72	68	68	68
b. Organic Carbon (%)	0.88				

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SEDIMENT ANALYSIS SUMMARY SHEET

1. CRUISE NO. 00865	2. SAMPLE NO. BS-17 Station PG 4	3. SAMPLER TYPE Phleger				
4. LATITUDE 27° 36' N	7. WATER DEPTH (meters) 60.4					
5. LONGITUDE 52° 17' E	8. CORE LENGTH (cm) 53					
6. DATE (day, month, year) 27 January 1961	9. CORE PENETRATION (cm) 91.4					
10. LABORATORY NUMBER	7149	7150	7151	7152	7153	7154
11. SUB SAMPLE DEPTH IN CORE (cm)	0-5	10-15	20-25	30-35	40-45	48-53
12. COLOR (by the GSA rock color chart) [F] FIELD [L] LAB. DETERMINATION	F Grayish Olive 10Y4/2	F Grayish Olive 10Y4/2	F Grayish Olive 10Y4/2	F Grayish Olive 10Y4/2	F Grayish Olive 10Y4/2	F Grayish Olive 10Y4/2
13. ODOR (earthy, moldy, rank, H_2S, etc.)						
14. SIZE ANALYSIS and STATISTICAL MEASURES						
a. % COARSER THAN SAND (< −1 φ)						
b. % SAND	1	2	5	4	4	2
c. % SILT	55	55	50	60	49	52
d. % CLAY	44	44	46	47	47	46
e. SEDIMENT TYPE	Clayey Silt	Clayey Silt	Clayey Silt	Clayey Silt	Clayey Silt	Clayey Silt
f. PHI MEDIAN DIAMETER (Md φ)	8.60	8.60	8.73	8.74	8.82	8.77
g. PHI DEVIATION MEASURE (σ φ)						
h. PHI SKEWNESS MEASURE (α φ)						
15. CHEMICAL ANALYSIS						
a. $CaCO_3$ (%)	59	61	59	60	59	57
b. Organic Carbon (%)	1.32					

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SEDIMENT ANALYSIS SUMMARY SHEET

1. CRUISE NO. 00865	2. SAMPLE NO. BS-18 Station PG 5	3. SAMPLER TYPE Phleger			
4. LATITUDE 27° 17' N	7. WATER DEPTH (meters) 54.9				
5. LONGITUDE 052° 40' E	8. CORE LENGTH (cm) 59				
6. DATE (day, month, year) 27 January 1961	9. CORE PENETRATION (cm) 91.4				
10. LABORATORY NUMBER	7030	7031	7032	7033	7034
11. SUB SAMPLE DEPTH IN CORE (cm)	0-5	16-30	34-38.5	38.5-43	55-59
12. COLOR (by the GSA rock color chart) [F] FIELD [L] LAB. DETERMINATION	L Pale Olive 10Y6/2	L Pale Olive 10Y6/2	L Pale Olive 10Y6/2	L Grayish Olive 10Y4/2	L Grayish Olive 10Y4/2
13. ODOR (earthy, moldy, rank, H_2S, etc.)					
14. SIZE ANALYSIS and STATISTICAL MEASURES					
a. % COARSER THAN SAND (< −1 φ)					
b. % SAND	2	3	4	2	3
c. % SILT	65	62	64	62	59
d. % CLAY	33	35	33	36	38
e. SEDIMENT TYPE	Clayey Silt	Clayey Silt	Clayey Silt	Clayey Silt	Clayey Silt
f. PHI MEDIAN DIAMETER (Md φ)	7.68	7.75	7.55	7.94	8.03
g. PHI DEVIATION MEASURE (σ φ)					
h. PHI SKEWNESS MEASURE (α φ)					
15. CHEMICAL ANALYSIS					
a. $CaCO_3$ (%)	56	57	58	58	57
b. Organic Carbon (%)	1.23				

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SEDIMENT ANALYSIS SUMMARY SHEET

1. CRUISE NO. 00865	2. SAMPLE NO. BS-19 Station PG 6	3. SAMPLER TYPE Phleger	
4. LATITUDE 26° 55' N	7. WATER DEPTH (meters) 746		
5. LONGITUDE 052° 21' E	8. CORE LENGTH (cm) 55.9		
6. DATE (day, month, year) 29 January 1961	9. CORE PENETRATION (cm) 91.4		
10. LABORATORY NUMBER	7035	7036	7037	7038
11. SUB SAMPLE DEPTH IN CORE (cm)	0-5	18-22	36-40	51-55.3
12. COLOR (by the GSA rock color chart)				
F FIELD L LAB. DETERMINATION	Grayish Olive 10Y4/2 F	Grayish Olive 10Y4/2 F	Grayish Olive 10Y4/2 F	Grayish Olive 10Y4/2 F
13. ODOR (earthy, moldy, rank, H_2S, etc.)	L Rank	L Rank	L Rank	L Rank
14. SIZE ANALYSIS and STATISTICAL MEASURES				
a. % COARSER THAN SAND (<−1 ϕ)				
b. % SAND	1	2	1	2
c. % SILT	57	54	53	55
d. % CLAY	42	45	46	43
e. SEDIMENT TYPE	Clayey Silt	Clayey Silt	Clayey Silt	Clayey Silt
f. PHI MEDIAN DIAMETER (Md ϕ)	8.84	8.64	8.78	8.68
g. PHI DEVIATION MEASURE (σ ϕ)				
h. PHI SKEWNESS MEASURE (α ϕ)				
15. CHEMICAL ANALYSIS				
a. $CaCO_3$ (%)	57	55	54	56
b. Organic Carbon (%)	2.32			

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SEDIMENT ANALYSIS SUMMARY SHEET

1. CRUISE NO. 00865	2. SAMPLE NO. BS-20 Station PG 11	3. SAMPLER TYPE Phleger	
4. LATITUDE 24° 22' N	7. WATER DEPTH (meters) 457		
5. LONGITUDE 052° 28' E	8. CORE LENGTH (cm) 14		
6. DATE (day, month, year) 30 January 1961	9. CORE PENETRATION (cm) 254		
10. LABORATORY NUMBER	7681	7682	
11. SUB SAMPLE DEPTH IN CORE (cm)	0-5	9-14	
12. COLOR (by the GSA rock color chart)			
F FIELD L LAB. DETERMINATION	Pale Olive 10Y6/2	Pale Olive 10Y6/2	
13. ODOR (earthy, moldy, rank, H_2S, etc.)			
14. SIZE ANALYSIS and STATISTICAL MEASURES			
a. % COARSER THAN SAND (<−1 ϕ)	1	1	
b. % SAND	58	53	
c. % SILT	23	26	
d. % CLAY	18	21	
e. SEDIMENT TYPE	Silty Sand	Sandy Mud	
f. PHI MEDIAN DIAMETER (Md ϕ)	3.01	3.54	
g. PHI DEVIATION MEASURE (σ ϕ)	4.36		
h. PHI SKEWNESS MEASURE (α ϕ)	0.51		
15. CHEMICAL ANALYSIS			
a. $CaCO_3$ (%)	75		
b. Organic Carbon (%)			

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SEDIMENT ANALYSIS SUMMARY SHEET

1. CRUISE NO. 00865	2. SAMPLE NO. BS-21 Station PG 8	3. SAMPLER TYPE Phleger	
4. LATITUDE 26° 02' N	7. WATER DEPTH (meters) 329		
5. LONGITUDE 051° 56' E	8. CORE LENGTH (cm) 105		
6. DATE (day, month, year) 30 January 1961	9. CORE PENETRATION (cm) ?		
10. LABORATORY NUMBER	7169	7170	
11. SUB SAMPLE DEPTH IN CORE (cm)	0-5.5	5.5-10.5	
12. COLOR (by the GSA rock color chart)			
F FIELD L LAB. DETERMINATION	Light Olive Brown 5Y5/6 F	Light Olive Gray 5Y5/6 F	
13. ODOR (earthy, moldy, rank, H_2S, etc.)			
14. SIZE ANALYSIS and STATISTICAL MEASURES			
a. % COARSER THAN SAND (<−1 ϕ)		8	
b. % SAND	98	92	
c. % SILT	} 2	} 1	
d. % CLAY			
e. SEDIMENT TYPE	Sand	Sand	
f. PHI MEDIAN DIAMETER (Md ϕ)	1.98	1.15	
g. PHI DEVIATION MEASURE (σ ϕ)	0.92	1.29	
h. PHI SKEWNESS MEASURE (α ϕ)	−0.17	−0.11	
15. CHEMICAL ANALYSIS			
a. $CaCO_3$ (%)	98	98	
b. Organic Carbon (%)			

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SEDIMENT ANALYSIS SUMMARY SHEET

1. CRUISE NO. 00865	2. SAMPLE NO. BS-22 Station PG 10	3. SAMPLER TYPE Phleger	
4. LATITUDE 25° 44' N	7. WATER DEPTH (meters) 457		
5. LONGITUDE 052° 28' E	8. CORE LENGTH (cm) 25.6		
6. DATE (day, month, year) 30 January 1961	9. CORE PENETRATION (cm) ?		
10. LABORATORY NUMBER	7674	7675	7676
11. SUB SAMPLE DEPTH IN CORE (cm)	0-5	10-15	20-25.6
12. COLOR (by the GSA rock color chart)			
F FIELD L LAB. DETERMINATION	Light Olive Gray 5Y5/2 L	Light Olive Gray 5Y5/2 L	Light Olive Gray 5Y5/2 L
13. ODOR (earthy, moldy, rank, H_2S, etc.)			
14. SIZE ANALYSIS and STATISTICAL MEASURES			
a. % COARSER THAN SAND (<−1 ϕ)	3	1	3
b. % SAND	66	59	64
c. % SILT	24	33	23
d. % CLAY	8	7	9
e. SEDIMENT TYPE	Silty Sand	Silty Sand	Silty Sand
f. PHI MEDIAN DIAMETER (Md ϕ)	3.31	2.93	2.63
g. PHI DEVIATION MEASURE (σ ϕ)	2.48	2.68	2.32
h. PHI SKEWNESS MEASURE (α ϕ)	−0.03	0.38	0.167
15. CHEMICAL ANALYSIS			
a. $CaCO_3$ (%)	91	88	89
b. Organic Carbon (%)			

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SEDIMENT ANALYSIS SUMMARY SHEET

1. CRUISE NO. 00865	2. SAMPLE NO. BS-23 Station PG 9	3. SAMPLER TYPE Orange Peel	
4. LATITUDE 25° 21' N	7. WATER DEPTH (meters) 549		
5. LONGITUDE 055° 36' E	8. CORE LENGTH (cm) –		
6. DATE (day, month, year) 31 January 1961	9. CORE PENETRATION (cm) –		
10. LABORATORY NUMBER	7693		
11. SUB SAMPLE DEPTH IN CORE (cm)			
12. COLOR (by the GSA rock color chart) [F] FIELD [L] LAB. DETERMINATION	Yellowish Gray F 5Y7/2		
13. ODOR (earthy, moldy, rank, H_2S, etc.)			
14. SIZE ANALYSIS and STATISTICAL MEASURES			
a. % COARSER THAN SAND (< −1 φ)	7		
b. % SAND	91		
c. % SILT	} 3		
d. % CLAY			
e. SEDIMENT TYPE	Sand		
f. PHI MEDIAN DIAMETER (Md φ)	1.84		
g. PHI DEVIATION MEASURE (σ φ)	1.34		
h. PHI SKEWNESS MEASURE (α φ)	−0.31		
15. CHEMICAL ANALYSIS			
a. $CaCO_3$ (%)	94		
b. Organic Carbon (%)			

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SEDIMENT ANALYSIS SUMMARY SHEET

1. CRUISE NO. 00865	2. SAMPLE NO. BS-24 Station PG25	3. SAMPLER TYPE Orange Peel	
4. LATITUDE 25° 38' N	7. WATER DEPTH (meters) 549		
5. LONGITUDE 055° 18' E	8. CORE LENGTH (cm) –		
6. DATE (day, month, year) 2 February 1961	9. CORE PENETRATION (cm) –		
10. LABORATORY NUMBER	7694		
11. SUB SAMPLE DEPTH IN CORE (cm)			
12. COLOR (by the GSA rock color chart) [F] FIELD [L] LAB. DETERMINATION	Dusky Yellow Green F 5GY5/2		
13. ODOR (earthy, moldy, rank, H_2S, etc.)			
14. SIZE ANALYSIS and STATISTICAL MEASURES			
a. % COARSER THAN SAND (< −1 φ)	9		
b. % SAND	83		
c. % SILT	} 8		
d. % CLAY			
e. SEDIMENT TYPE	Sand		
f. PHI MEDIAN DIAMETER (Md φ)	2.33		
g. PHI DEVIATION MEASURE (σ φ)	1.76		
h. PHI SKEWNESS MEASURE (α φ)	−0.38		
15. CHEMICAL ANALYSIS			
a. $CaCO_3$ (%)			
b. Organic Carbon (%)			

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SEDIMENT ANALYSIS SUMMARY SHEET

1. CRUISE NO. 00865	2. SAMPLE NO. BS-25 Station PG 26	3. SAMPLER TYPE Phleger	
4. LATITUDE 24° 03' N	7. WATER DEPTH (meters) 82.3		
5. LONGITUDE 055° 09' E	8. CORE LENGTH (cm) 85.6		
6. DATE (day, month, year) 3 February 1961	9. CORE PENETRATION (cm) 61		
10. LABORATORY NUMBER	7653	7654	7655
11. SUB SAMPLE DEPTH IN CORE (cm)	0-5	10-15	20-25.6
12. COLOR (by the GSA rock color chart) [F] FIELD [L] LAB. DETERMINATION	Pale Olive 10Y6/2	Pale Olive 10Y6/2	Pale Olive 10Y6/2
13. ODOR (earthy, moldy, rank, H_2S, etc.)			
14. SIZE ANALYSIS and STATISTICAL MEASURES			
a. % COARSER THAN SAND (< −1 φ)	1	3	2
b. % SAND	55	50	48
c. % SILT	27	28	29
d. % CLAY	16	20	21
e. SEDIMENT TYPE	Silty Sand	Sandy Mud	Sandy Mud
f. PHI MEDIAN DIAMETER (Md φ)	3.00	3.50	2.36
g. PHI DEVIATION MEASURE (σ φ)	4.33	4.67	
h. PHI SKEWNESS MEASURE (α φ)	0.43	0.35	
15. CHEMICAL ANALYSIS			
a. $CaCO_3$ (%)	77	84	85
b. Organic Carbon (%)	1.91		

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SEDIMENT ANALYSIS SUMMARY SHEET

1. CRUISE NO. 00865	2. SAMPLE NO. BS-26 Station PG27		3. SAMPLER TYPE Phleger		
4. LATITUDE 26° 26.2' N	7. WATER DEPTH (meters) 146				
5. LONGITUDE 055° 01.2' E	8. CORE LENGTH (cm) 45.5				
6. DATE (day, month, year) 3 February 1961	9. CORE PENETRATION (cm) 91.4				
10. LABORATORY NUMBER	7076	7077	7078	7079	7080
11. SUB SAMPLE DEPTH IN CORE (cm)	0-6	6-14	18-24	24-30	40-45.5
12. COLOR (by the GSA rock color chart) F FIELD L LAB. DETERMINATION	Medium Gray N5 L	Medium Light Gray N6 L	Greenish Gray 5GY6/1 L	Greenish Gray 5GY6/1 L	Medium Gray N5 L
13. ODOR (earthy, moldy, rank, H_2S, etc.)					
14. SIZE ANALYSIS and STATISTICAL MEASURES					
a. % COARSER THAN SAND (< −1 ϕ)					
b. % SAND	Trace	Trace	1	Trace	Trace
c. % SILT	56	55	57	54	56
d. % CLAY	44	45	43	45	44
e. SEDIMENT TYPE	Clayey Silt	Clayey Silt	Clayey Silt	Clayey Silt	Clayey Silt
f. PHI MEDIAN DIAMETER (Md ϕ)	8.69	8.74	8.60	8.80	8.69
g. PHI DEVIATION MEASURE (σ ϕ)					
h. PHI SKEWNESS MEASURE (α ϕ)					
15. CHEMICAL ANALYSIS					
a. $CaCO_3$ (%)	50	52	50	50	50
b. Organic Carbon (%)					

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SEDIMENT ANALYSIS SUMMARY SHEET

1. CRUISE NO. 00865	2. SAMPLE NO. BS-27 Station PG22		3. SAMPLER TYPE Phleger	
4. LATITUDE 26° 09' N	7. WATER DEPTH (meters) 87.8			
5. LONGITUDE 54° 36' E	8. CORE LENGTH (cm) 37			
6. DATE (day, month, year) 6 February 1961	9. CORE PENETRATION (cm) 91.4			
10. LABORATORY NUMBER	7124	7125	7126	
11. SUB SAMPLE DEPTH IN CORE (cm)	0-5	15-20	32-37	
12. COLOR (by the GSA rock color chart) F FIELD L LAB. DETERMINATION	Dusky Yellow Green 5GY5/2	Dusky Yellow Green 5GY6/2	Dusky Yellow Green 5GY5/2	
13. ODOR (earthy, moldy, rank, H_2S, etc.)				
14. SIZE ANALYSIS and STATISTICAL MEASURES				
a. % COARSER THAN SAND (< −1 ϕ)		1	1	
b. % SAND	45	52	40	
c. % SILT	27	24	27	
d. % CLAY	28	24	32	
e. SEDIMENT TYPE	Sandy Mud	Sandy Mud	Sandy Mud	
f. PHI MEDIAN DIAMETER (Md ϕ)	5.62	3.68	6.30	
g. PHI DEVIATION MEASURE (σ ϕ)				
h. PHI SKEWNESS MEASURE (α ϕ)				
15. CHEMICAL ANALYSIS				
a. $CaCO_3$ (%)	68	74	69	
b. Organic Carbon (%)	1.53			

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SEDIMENT ANALYSIS SUMMARY SHEET

1. CRUISE NO. 00865	2. SAMPLE NO. BS-28 Station PG23		3. SAMPLER TYPE Phleger	
4. LATITUDE 25° 41' N	7. WATER DEPTH (meters) 51.2			
5. LONGITUDE 54° 43' E	8. CORE LENGTH (cm) 27.2			
6. DATE (day, month, year) 6 February 1961	9. CORE PENETRATION (cm) 91.4			
10. LABORATORY NUMBER	7139	7140		
11. SUB SAMPLE DEPTH IN CORE (cm)	0-5	22-27.2		
12. COLOR (by the GSA rock color chart) F FIELD L LAB. DETERMINATION	Olive Gray 5GY5/2 F	Olive Gray 5GY5/2 F		
13. ODOR (earthy, moldy, rank, H_2S, etc.)				
14. SIZE ANALYSIS and STATISTICAL MEASURES				
a. % COARSER THAN SAND (< −1 ϕ)				
b. % SAND	3	8		
c. % SILT	79	77		
d. % CLAY	18	15		
e. SEDIMENT TYPE	Clayey Silt	Clayey Silt		
f. PHI MEDIAN DIAMETER (Md ϕ)	5.23	5.45		
g. PHI DEVIATION MEASURE (σ ϕ)		2.18		
h. PHI SKEWNESS MEASURE (α ϕ)		0.46		
15. CHEMICAL ANALYSIS				
a. $CaCO_3$ (%)	84	86		
b. Organic Carbon (%)	1.77			

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SEDIMENT ANALYSIS SUMMARY SHEET

1. CRUISE NO. 00865	2. SAMPLE NO. BS-29 Station PG24	3. SAMPLER TYPE Orange Peel	
4. LATITUDE 25° 17' N	7. WATER DEPTH (meters) 238		
5. LONGITUDE 054° 57' E	8. CORE LENGTH (cm) –		
6. DATE (day, month, year) 6 February 1961	9. CORE PENETRATION (cm) –		
10. LABORATORY NUMBER	7695		
11. SUB SAMPLE DEPTH IN CORE (cm)			
12. COLOR (by the GSA rock color chart) F FIELD L LAB. DETERMINATION	Moderate Grecnish Yellow – 10Y7/4		
13. ODOR (earthy, moldy, rank, H_2S, etc.)			
14. SIZE ANALYSIS and STATISTICAL MEASURES			
a. % COARSER THAN SAND (< −1 ϕ)	6		
b. % SAND	94		
c. % SILT	} Trace		
d. % CLAY	}		
e. SEDIMENT TYPE	Sand		
f. PHI MEDIAN DIAMETER (Md ϕ)	0.50		
g. PHI DEVIATION MEASURE (σ ϕ)	0.94		
h. PHI SKEWNESS MEASURE (α ϕ)	0.06		
15. CHEMICAL ANALYSIS			
a. $CaCO_3$ (%)	96		
b. Organic Carbon (%)			

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SEDIMENT ANALYSIS SUMMARY SHEET

1. CRUISE NO. 00865	2. SAMPLE NO. BS-30 Station PG 20	3. SAMPLER TYPE Orange Peel	
4. LATITUDE 25° 20' N	7. WATER DEPTH (meters) 347		
5. LONGITUDE 054° 15' E	8. CORE LENGTH (cm) –		
6. DATE (day, month, year) 7 February 1961	9. CORE PENETRATION (cm) –		
10. LABORATORY NUMBER	7696		
11. SUB SAMPLE DEPTH IN CORE (cm)			
12. COLOR (by the GSA rock color chart) F FIELD L LAB. DETERMINATION	Dusky Yellow Green 6GY5/2		
13. ODOR (earthy, moldy, rank, H_2S, etc.)			
14. SIZE ANALYSIS and STATISTICAL MEASURES			
a. % COARSER THAN SAND (< −1 ϕ)	1		
b. % SAND	95		
c. % SILT	} 5		
d. % CLAY	}		
e. SEDIMENT TYPE	Sand		
f. PHI MEDIAN DIAMETER (Md ϕ)	2.30		
g. PHI DEVIATION MEASURE (σ ϕ)	1.06		
h. PHI SKEWNESS MEASURE (α ϕ)	−0.15		
15. CHEMICAL ANALYSIS			
a. $CaCO_3$ (%)	96		
b. Organic Carbon (%)			

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SEDIMENT ANALYSIS SUMMARY SHEET

1. CRUISE NO. 00865	2. SAMPLE NO. BS-31 Station PG 21	3. SAMPLER TYPE Phleger	
4. LATITUDE 25° 50' N	7. WATER DEPTH (meters) 73.2		
5. LONGITUDE 54° 10' E	8. CORE LENGTH (cm) 38.0		
6. DATE (day, month, year) 8 February 1961	9. CORE PENETRATION (cm) 91.4		
10. LABORATORY NUMBER	7131	7132	7133
11. SUB SAMPLE DEPTH IN CORE (cm)	0-5	17-22	33-38
12. COLOR (by the GSA rock color chart) F FIELD L LAB. DETERMINATION	Pale Olive 10Y6/2	Pale Olive 10Y6/2	Pale Olive 10Y6/2
13. ODOR (earthy, moldy, rank, H_2S, etc.)			
14. SIZE ANALYSIS and STATISTICAL MEASURES			
a. % COARSER THAN SAND (< −1 ϕ)		1	Trace
b. % SAND	7	7	15
c. % SILT	61	58	51
d. % CLAY	33	33	33
e. SEDIMENT TYPE	Clayey Silt	Clayey Silt	Clayey Silt
f. PHI MEDIAN DIAMETER (Md ϕ)	7.49	7.57	7.21
g. PHI DEVIATION MEASURE (σ ϕ)			
h. PHI SKEWNESS MEASURE (α ϕ)			
15. CHEMICAL ANALYSIS			
a. $CaCO_3$ (%)	72	72	76
b. Organic Carbon (%)	2.08		

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SEDIMENT ANALYSIS SUMMARY SHEET

1. CRUISE NO. 00865	2. SAMPLE NO. BS-32 Station PG 13	3. SAMPLER TYPE Orange Peel	
4. LATITUDE 26° 53' N	7. WATER DEPTH (meters) 219		
5. LONGITUDE 053° 26' E	8. CORE LENGTH (cm) –		
6. DATE (day, month, year) 9 February 1961	9. CORE PENETRATION (cm) –		
10. LABORATORY NUMBER	7697		
11. SUB SAMPLE DEPTH IN CORE (cm)			
12. COLOR (by the GSA rock color chart) F FIELD L LAB. DETERMINATION	Dusky Yellow Green 6GY5/2		
13. ODOR (earthy, moldy, rank, H_2S, etc.)	L Foul		
14. SIZE ANALYSIS and STATISTICAL MEASURES			
a. % COARSER THAN SAND (< −1 ϕ)	1		
b. % SAND	91		
c. % SILT	} 8		
d. % CLAY	}		
e. SEDIMENT TYPE	Sand		
f. PHI MEDIAN DIAMETER (Md ϕ)	3.20		
g. PHI DEVIATION MEASURE (σ ϕ)	0.91		
h. PHI SKEWNESS MEASURE (α ϕ)	−0.32		
15. CHEMICAL ANALYSIS			
a. $CaCO_3$ (%)	67		
b. Organic Carbon (%)			

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SEDIMENT ANALYSIS SUMMARY SHEET

1. CRUISE NO. 00865	2. SAMPLE NO. BS-33 Station PG 12	3. SAMPLER TYPE Phleger	
4. LATITUDE 26° 51' N	7. WATER DEPTH (meters) 80.5		
5. LONGITUDE 053° 00' E	8. CORE LENGTH (cm) 23		
6. DATE (day, month, year) 12 February 1961	9. CORE PENETRATION (cm) 9.4		

10. LABORATORY NUMBER	7677	7678	7679	7680
11. SUB SAMPLE DEPTH IN CORE (cm)	0-7	7-12.5	12.5-16.3	16.3-23
12. COLOR (by the GSA rock color chart) [F] FIELD [L] LAB. DETERMINATION	Dusky Yellow Green 5GY5/2	Dusky Yellow Green 5GY5/2	Dusky Yellow Green 5GY5/2	Dusky Yellow Green 5GY5/2
13. ODOR (earthy, moldy, rank, H_2S, etc.)				
14. SIZE ANALYSIS and STATISTICAL MEASURES				
a. % COARSER THAN SAND (<−1 φ)	2	3	6	3
b. % SAND	48	60	71	63
c. % SILT	25	18	12	16
d. % CLAY	25	19	12	19
e. SEDIMENT TYPE	Sandy Mud	Clayey Sand	Clayey Sand	Clayey Sand
f. PHI MEDIAN DIAMETER (Md φ)	4.00	2.50	1.31	2.28
g. PHI DEVIATION MEASURE (σ φ)			5.12	4.33
h. PHI SKEWNESS MEASURE (α φ)			0.61	0.64
15. CHEMICAL ANALYSIS				
a. $CaCO_3$ (%)	76	76	78	75
b. Organic Carbon (%)				

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SEDIMENT ANALYSIS SUMMARY SHEET

1. CRUISE NO. 00865	2. SAMPLE NO. BS-34 Station PG 14	3. SAMPLER TYPE Phleger	
4. LATITUDE 26° 39' N	7. WATER DEPTH (meters) 86		
5. LONGITUDE 053° 28' E	8. CORE LENGTH (cm) 37.0		
6. DATE (day, month, year) 15 February 1961	9. CORE PENETRATION (cm) 91.4		

10. LABORATORY NUMBER	7171	7172	7173	7174	7175	7176	7177
11. SUB SAMPLE DEPTH IN CORE (cm)	0-5	5-10	10-15.5	15.5-19	19-23	23-28	32-37
12. COLOR (by the GSA rock color chart) [F] FIELD [L] LAB. DETERMINATION	Dusky Yellow Green 5GY5/2 F	Dusky Yellow Green 5GY5/2 F	Dusky Yellow Green 5GY5/2 F	Dusky Yellow Green 5GY5/2 F	Bluish White 5B9/1 F	Bluish White 5B9/1 F	Bluish White 5B9/1 F
13. ODOR (earthy, moldy, rank, H_2S, etc.)							
14. SIZE ANALYSIS and STATISTICAL MEASURES							
a. % COARSER THAN SAND (<−1 φ)	1	1	Trace	1	1	3	1
b. % SAND	64	65	56	49	36	49	45
c. % SILT	17	16	24	23	29	23	18
d. % CLAY	19	19	21	27	33	26	37
e. SEDIMENT TYPE	Clayey Sand	Clayey Sand	Sandy Mud	Sandy Mud	Sandy Mud	Sandy Mud	Clayey Sand
f. PHI MEDIAN DIAMETER (Md φ)	2.62	2.56	3.32	4.00	6.67	3.36	3.67
g. PHI DEVIATION MEASURE (σ φ)							
h. PHI SKEWNESS MEASURE (α φ)							
15. CHEMICAL ANALYSIS							
a. $CaCO_3$ (%)	81	76	76	73	72	74	78
b. Organic Carbon (%)	0.84						

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SEDIMENT ANALYSIS SUMMARY SHEET

1. CRUISE NO. 00865	2. SAMPLE NO. BS-35 Station PG 15	3. SAMPLER TYPE Phleger	
4. LATITUDE 26 ° 11 ' N	7. WATER DEPTH (meters) 80.5		
5. LONGITUDE 53 ° 28 ' E	8. CORE LENGTH (cm) 36		
6. DATE (day, month, year) 16 February 1961	9. CORE PENETRATION (cm) 91.4		
10. LABORATORY NUMBER	7136	7137	7138
11. SUB SAMPLE DEPTH IN CORE (cm)	0-5	17-22	30-36
12. COLOR (by the GSA rock color chart) F FIELD L LAB. DETERMINATION	Pale Olive 10Y6/2 F	Pale Olive 10Y6/2 F	Pale Olive 10Y6/2 F
13. ODOR (earthy, moldy, rank, H_2S, etc.)			
14. SIZE ANALYSIS and STATISTICAL MEASURES			
a. % COARSER THAN SAND (<−1 φ)			
b. % SAND	6	6	9
c. % SILT	50	46	45
d. % CLAY	45	48	46
e. SEDIMENT TYPE	Clayey Silt	Silty Clay	Silty Clay
f. PHI MEDIAN DIAMETER (Md φ)	8.50	8.82	8.63
g. PHI DEVIATION MEASURE (σ φ)			
h. PHI SKEWNESS MEASURE (α φ)			
15. CHEMICAL ANALYSIS			
a. $CaCO_3$ (%)	60	62	59
b. Organic Carbon (%)			

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SEDIMENT ANALYSIS SUMMARY SHEET

1. CRUISE NO. 00865	2. SAMPLE NO. BS-36 Station PG 16	3. SAMPLER TYPE Phleger		
4. LATITUDE 25 ° 49 ' N	7. WATER DEPTH (meters) 62.2			
5. LONGITUDE 053 ° 25 ' E	8. CORE LENGTH (cm) 67			
6. DATE (day, month, year) 16 February 1961	9. CORE PENETRATION (cm) 61			
10. LABORATORY NUMBER	6993	6994	6995	6996
11. SUB SAMPLE DEPTH IN CORE (cm)	0-4.5	20-24.5	40-44.5	62-67
12. COLOR (by the GSA rock color chart) F FIELD L LAB. DETERMINATION	Pale Olive 10Y6/2 F	Pale Olive 10Y6/2 F	Pale Olive 10Y6/2 F	Pale Olive 10Y6/2 F
13. ODOR (earthy, moldy, rank, H_2S, etc.)				
14. SIZE ANALYSIS and STATISTICAL MEASURES				
a. % COARSER THAN SAND (<−1 φ)			1	1
b. % SAND	15	16	16	18
c. % SILT	60	55	56	55
d. % CLAY	24	30	28	27
e. SEDIMENT TYPE	Clayey Silt	Clayey Silt	Clayey Silt	Clayey Silt
f. PHI MEDIAN DIAMETER (Md φ)	6.61	6.80	6.66	6.55
g. PHI DEVIATION MEASURE (σ φ)				
h. PHI SKEWNESS MEASURE (α φ)				
15. CHEMICAL ANALYSIS				
a. $CaCO_3$ (%)	77	77	78	76
b. Organic Carbon (%)	1.66			

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SEDIMENT ANALYSIS SUMMARY SHEET

1. CRUISE NO. 00865	2. SAMPLE NO. BS-37 Station PG 17	3. SAMPLER TYPE Orange Peel	
4. LATITUDE 25 ° 19 ' N	7. WATER DEPTH (meters) 366		
5. LONGITUDE 053 ° 25 ' E	8. CORE LENGTH (cm) —		
6. DATE (day, month, year) 16 February 1961	9. CORE PENETRATION (cm) —		
10. LABORATORY NUMBER	7698		
11. SUB SAMPLE DEPTH IN CORE (cm)			
12. COLOR (by the GSA rock color chart) F FIELD L LAB. DETERMINATION	Pale Olive 10Y6/2		
13. ODOR (earthy, moldy, rank, H_2S, etc.)			
14. SIZE ANALYSIS and STATISTICAL MEASURES			
a. % COARSER THAN SAND (<−1 φ)	5		
b. % SAND	81		
c. % SILT	}		
d. % CLAY	} 14		
e. SEDIMENT TYPE	Sand		
f. PHI MEDIAN DIAMETER (Md φ)	2.13		
g. PHI DEVIATION MEASURE (σ φ)	1.90		
h. PHI SKEWNESS MEASURE (α φ)	−0.09		
15. CHEMICAL ANALYSIS			
a. $CaCO_3$ (%)	93		
b. Organic Carbon (%)			

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SEDIMENT ANALYSIS SUMMARY SHEET

1. CRUISE NO. 00865	2. SAMPLE NO. BS-38 Station PG 46	3. SAMPLER TYPE Phleger	
4. LATITUDE 26 ° 54 ' N	7. WATER DEPTH (meters) 27		
5. LONGITUDE 56 ° 24 ' E	8. CORE LENGTH (cm) 19.5		
6. DATE (day, month, year) 18 February 1961	9. CORE PENETRATION (cm) —		
10. LABORATORY NUMBER	7134	7135	
11. SUB SAMPLE DEPTH IN CORE (cm)	0-5	15-19.5	
12. COLOR (by the GSA rock color chart) F FIELD L LAB. DETERMINATION	Pale Olive 10Y6/2, Light Olive Gray L 5Y3/2	Pale Olive 10Y6/2, Light Olive Gray L 5Y3/2	
13. ODOR (earthy, moldy, rank, H_2S, etc.)			
14. SIZE ANALYSIS and STATISTICAL MEASURES			
a. % COARSER THAN SAND (<−1 φ)	1	1	
b. % SAND	70	70	
c. % SILT	19	19	
d. % CLAY	10	9	
e. SEDIMENT TYPE	Silty Sand	Silty Sand	
f. PHI MEDIAN DIAMETER (Md φ)	2.86	2.76	
g. PHI DEVIATION MEASURE (σ φ)	2.42	2.69	
h. PHI SKEWNESS MEASURE (α φ)	0.56	0.53	
15. CHEMICAL ANALYSIS			
a. $CaCO_3$ (%)	70	71	
b. Organic Carbon (%)	0.62		

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SEDIMENT ANALYSIS SUMMARY SHEET

1. CRUISE NO. 00865	2. SAMPLE NO. BS-39 Station PG35	3. SAMPLER TYPE Phleger	
4. LATITUDE 26° 47' N	7. WATER DEPTH (meters) 56.7		
5. LONGITUDE 050° 33' E	8. CORE LENGTH (cm) 56		
6. DATE (day, month, year) 19 February 1961	9. CORE PENETRATION (cm) 91.4		

10. LABORATORY NUMBER	7013	7014	7015	7016
11. SUB SAMPLE DEPTH IN CORE (cm)	0-5	17-21.5	35-39.5	52-56
12. COLOR (by the GSA rock color chart) F FIELD L LAB. DETERMINATION	F Grayish Olive Green 5GY3/2	F Grayish Olive Green 5GY3/2	F Grayish Olive Green 5GY3/2	F Grayish Olive Green 5GY3/2
13. ODOR (earthy, moldy, rank, H_2S, etc.)				
14. SIZE ANALYSIS and STATISTICAL MEASURES				
a. % COARSER THAN SAND (<−1 ϕ)				
b. % SAND	8	7	6	6
c. % SILT	70	66	68	66
d. % CLAY	23	28	27	28
e. SEDIMENT TYPE	Clayey Silt	Clayey Silt	Clayey Silt	Clayey Silt
f. PHI MEDIAN DIAMETER (Md ϕ)	5.91	6.14	6.30	6.10
g. PHI DEVIATION MEASURE (σ ϕ)				
h. PHI SKEWNESS MEASURE (α ϕ)				
15. CHEMICAL ANALYSIS				
a. $CaCO_3$ (%)	61	61	60	60
b. Organic Carbon (%)	1.25			

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SEDIMENT ANALYSIS SUMMARY SHEET

1. CRUISE NO. 00865	2. SAMPLE NO. BS-40 Station AS36	3. SAMPLER TYPE Phleger	
4. LATITUDE 21° 30' N	7. WATER DEPTH (meters) 3276		
5. LONGITUDE 66° 21' E	8. CORE LENGTH (cm) 740		
6. DATE (day, month, year) 24 February 1961	9. CORE PENETRATION (cm) 91.4		

10. LABORATORY NUMBER	7155	7156	7157	7158
11. SUB SAMPLE DEPTH IN CORE (cm)	0-5.5	5.5-10	19-23.5	23.5-28
12. COLOR (by the GSA rock color chart) F FIELD L LAB. DETERMINATION	L Dark Yellowish Brown 10YR4/2	L Pale Yellowish Brown 10YR6/2	L Pale Yellowish Brown 10YR6/2	L Light Olive Gray 5Y6/1
13. ODOR (earthy, moldy, rank, H_2S, etc.)				
14. SIZE ANALYSIS and STATISTICAL MEASURES				
a. % COARSER THAN SAND (<−1 ϕ)				
b. % SAND	1	1	10	7
c. % SILT	48	49	46	49
d. % CLAY	50	50	45	43
e. SEDIMENT TYPE	Silty Clay	Silty Clay	Clayey Silt	Clayey Silt
f. PHI MEDIAN DIAMETER (Md ϕ)		9.06	8.49	8.46
g. PHI DEVIATION MEASURE (σ ϕ)				
h. PHI SKEWNESS MEASURE (α ϕ)				
15. CHEMICAL ANALYSIS				
a. $CaCO_3$ (%)	42	46	56	58
b. Organic Carbon (%)	0.94			

*Contained black streaks

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SEDIMENT ANALYSIS SUMMARY SHEET

1. CRUISE NO.	2. SAMPLE NO. BS-40 (continued)	3. SAMPLER TYPE	
4. LATITUDE ° '	7. WATER DEPTH (meters)		
5. LONGITUDE ° '	8. CORE LENGTH (cm)		
6. DATE (day, month, year)	9. CORE PENETRATION (cm)		

10. LABORATORY NUMBER	7159	7160	7161	7162
11. SUB SAMPLE DEPTH IN CORE (cm)	34.5-40	50-54	66-70	70-74
12. COLOR (by the GSA rock color chart) F FIELD L LAB. DETERMINATION	L Light Olive Gray* 5Y6/1	L Light Olive Gray* 5Y6/1	L Light Olive Gray* 5Y6/1	L Light Olive Gray 5Y6/1
13. ODOR (earthy, moldy, rank, H_2S, etc.)				
14. SIZE ANALYSIS and STATISTICAL MEASURES				
a. % COARSER THAN SAND (<−1 ϕ)				
b. % SAND	9	8	5	3
c. % SILT	46	52	61	62
d. % CLAY	45	41	34	34
e. SEDIMENT TYPE	Clayey Silt	Clayey Silt	Clayey Silt	Clayey Silt
f. PHI MEDIAN DIAMETER (Md ϕ)	8.60	8.12	7.79	7.92
g. PHI DEVIATION MEASURE (σ ϕ)				
h. PHI SKEWNESS MEASURE (α ϕ)				
15. CHEMICAL ANALYSIS				
a. $CaCO_3$ (%)	47	50	47	46
b. Organic Carbon (%)				

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SEDIMENT ANALYSIS SUMMARY SHEET

1. CRUISE NO. 00865	2. SAMPLE NO. BS-41 Station AS 61	3. SAMPLER TYPE Orange Peel	
4. LATITUDE 19 ° 30 ' N	7. WATER DEPTH (meters) 82.3		
5. LONGITUDE 070 ° 36.5 ' E	8. CORE LENGTH (cm) –		
6. DATE (day, month, year) 26 February 1961	9. CORE PENETRATION (cm) –		
10. LABORATORY NUMBER	7699		
11. SUB SAMPLE DEPTH IN CORE (cm)			
12. COLOR (by the GSA rock color chart) [F. FIELD] [L. LAB. DETERMINATION]	Light Olive Gray 5Y5/2		
13. ODOR (earthy, moldy, rank, H_2S, etc.)			
14. SIZE ANALYSIS and STATISTICAL MEASURES			
a. % COARSER THAN SAND (< −1 φ)	Trace		
b. % SAND	95		
c. % SILT	} 5		
d. % CLAY			
e. SEDIMENT TYPE	Sand		
f. PHI MEDIAN DIAMETER (Md φ)	1.93		
g. PHI DEVIATION MEASURE (σ φ)	0.82		
h. PHI SKEWNESS MEASURE (α φ)	0.30		
15. CHEMICAL ANALYSIS			
a. $CaCl_2$ (%)	86		
b. Organic Carbon (%)			

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SEDIMENT ANALYSIS SUMMARY SHEET

1. CRUISE NO. 00865	2. SAMPLE NO. BS-42 Station AS 60			3. SAMPLER TYPE Phleger
4. LATITUDE 19 ° 31 ' N	7. WATER DEPTH (meters) 677			
5. LONGITUDE 071 ° 34 ' E	8. CORE LENGTH (cm) 69.5			
6. DATE (day, month, year) 26 February 1961	9. CORE PENETRATION (cm) 91.4			
10. LABORATORY NUMBER	7498	7499	7600	7601
11. SUB SAMPLE DEPTH IN CORE (cm)	0-5	10-15	20-25	30-35
12. COLOR (by the GSA rock color chart) [F. FIELD] [L. LAB. DETERMINATION]	Olive Gray 5Y4/1	Olive Gray 5Y4/1	Olive Gray 5Y4/1	Olive Gray 5Y4/1
13. ODOR (earthy, moldy, rank, H_2S, etc.)				
14. SIZE ANALYSIS and STATISTICAL MEASURES				
a. % COARSER THAN SAND (< −1 φ)				
b. % SAND	Trace	Trace	Trace	Trace
c. % SILT	29	27	27	26
d. % CLAY	71	74	73	74
e. SEDIMENT TYPE	Silty Clay	Silty Clay	Silty Clay	Silty Clay
f. PHI MEDIAN DIAMETER (Md φ)				
g. PHI DEVIATION MEASURE (σ φ)				
h. PHI SKEWNESS MEASURE (α φ)				
15. CHEMICAL ANALYSIS				
a. $CaCO_3$ (%)	14	15	16	17
b. Organic Carbon (%)	1.02			

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SEDIMENT ANALYSIS SUMMARY SHEET

1. CRUISE NO.	2. SAMPLE NO. BS-42 (continued)			3. SAMPLER TYPE
4. LATITUDE ° '	7. WATER DEPTH (meters)			
5. LONGITUDE ° '	8. CORE LENGTH (cm)			
6. DATE (day, month, year)	9. CORE PENETRATION (cm)			
10. LABORATORY NUMBER	7602	7603	7604	
11. SUB SAMPLE DEPTH IN CORE (cm)	40-45	50-55	64-69.5	
12. COLOR (by the GSA rock color chart) [F. FIELD] [L. LAB. DETERMINATION]	Olive Gray 5Y4/1	Olive Gray 5Y4/1	Olive Gray 5Y4/1	
13. ODOR (earthy, moldy, rank, H_2S, etc.)				
14. SIZE ANALYSIS and STATISTICAL MEASURES				
a. % COARSER THAN SAND (< −1 φ)				
b. % SAND	Trace	Trace	1	
c. % SILT	30	27	29	
d. % CLAY	70	72	71	
e. SEDIMENT TYPE	Silty Clay	Silty Clay	Silty Clay	
f. PHI MEDIAN DIAMETER (Md φ)				
g. PHI DEVIATION MEASURE (σ φ)				
h. PHI SKEWNESS MEASURE (α φ)				
15. CHEMICAL ANALYSIS				
a. $CaCO_3$ (%)	17	17	18	
b. Organic Carbon (%)				

The core contained black streaks in the last 14.5 cm.

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SEDIMENT ANALYSIS SUMMARY SHEET

1. CRUISE NO. 00865	2. SAMPLE NO. BS-43 Station AS59	3. SAMPLER TYPE Phleger	
4. LATITUDE 19° 30' N	7. WATER DEPTH (meters) 238		
5. LONGITUDE 072° 25' E	8. CORE LENGTH (cm) 64		
6. DATE (day, month, year) 14 March 1961	9. CORE PENETRATION (cm) 91.4		
10. LABORATORY NUMBER	7089	7090	7091	7092
11. SUB SAMPLE DEPTH IN CORE (cm)	0-6	20-25	33-39	39-43
12. COLOR (by the GSA rock color chart) F. FIELD L. LAB. DETERMINATION	Dark Yellowish Brown 10YR4/2 L	Dark Yellowish Brown 10YR4/2 L	Dark Yellowish Brown* 10YR4/2 L	Olive Gray 5Y4/1, Black N1 L
13. ODOR (earthy, moldy, rank, H_2S, etc.)				H_2S
14. SIZE ANALYSIS and STATISTICAL MEASURES				
a. % COARSER THAN SAND (<−1 ϕ)				
b. % SAND	Trace	Trace	Trace	Trace
c. % SILT	43	26	24	24
d. % CLAY	57	74	76	75
e. SEDIMENT TYPE	Silty Clay	Silty Clay	Silty Clay	Silty Clay
f. PHI MEDIAN DIAMETER (Md ϕ)				
g. PHI DEVIATION MEASURE (σ ϕ)				
h. PHI SKEWNESS MEASURE (α ϕ)				
15. CHEMICAL ANALYSIS				
a. $CaCO_3$ (%)	14	15	14	14
b. Organic Carbon (%)	0.85			

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SEDIMENT ANALYSIS SUMMARY SHEET

1. CRUISE NO.	2. SAMPLE NO. BS-43 (continued)	3. SAMPLER TYPE
4. LATITUDE ° '	7. WATER DEPTH (meters)	
5. LONGITUDE ° '	8. CORE LENGTH (cm)	
6. DATE (day, month, year)	9. CORE PENETRATION (cm)	
10. LABORATORY NUMBER	7093	7094
11. SUB SAMPLE DEPTH IN CORE (cm)	43-48	61-64
12. COLOR (by the GSA rock color chart) F. FIELD L. LAB. DETERMINATION	Olive Gray* 5Y4/1 L	Olive Gray 5Y4/1, Black N1 L
13. ODOR (earthy, moldy, rank, H_2S, etc.)		H_2S
14. SIZE ANALYSIS and STATISTICAL MEASURES		
a. % COARSER THAN SAND (<−1 ϕ)		
b. % SAND	Trace	Trace
c. % SILT	25	26
d. % CLAY	75	74
e. SEDIMENT TYPE	Silty Clay	Silty Clay
f. PHI MEDIAN DIAMETER (Md ϕ)		
g. PHI DEVIATION MEASURE (σ ϕ)		
h. PHI SKEWNESS MEASURE (α ϕ)		
15. CHEMICAL ANALYSIS		
a. $CaCO_3$ (%)	14	15
b. Organic Carbon (%)		

*Contained black streaks

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SEDIMENT ANALYSIS SUMMARY SHEET

1. CRUISE NO. 00865	2. SAMPLE NO. BS-44 Station AS58		3. SAMPLER TYPE Phleger		
4. LATITUDE 20° 15' N	7. WATER DEPTH (meters) 40.2				
5. LONGITUDE 072° 29' E	8. CORE LENGTH (cm) 92.4				
6. DATE (day, month, year) 14 March 1961	9. CORE PENETRATION (cm) 91.4				
10. LABORATORY NUMBER	7025	7026	7027	7028	7029
11. SUB SAMPLE DEPTH IN CORE (cm)	0-4.5	20-24	40-44	60-64	86-92.4
12. COLOR (by the GSA rock color chart) F. FIELD L. LAB. DETERMINATION	Dark Yellowish Brown 10YR4/2 L	Dark Yellowish Brown 10YR4/2 L	Dark Yellowish Brown 10YR4/2, Olive Gray 5Y4/1 L	Olive Gray 5Y4/1 L	Olive Gray 5Y4/1 L
13. ODOR (earthy, moldy, rank, H_2S, etc.)					
14. SIZE ANALYSIS and STATISTICAL MEASURES					
a. % COARSER THAN SAND (<−1 ϕ)					
b. % SAND	1	2	1	Trace	1
c. % SILT	30	36	33	29	38
d. % CLAY	69	62	66	71	62
e. SEDIMENT TYPE	Silty Clay	Silty Clay	Silty Clay	Silty Clay	Silty Clay
f. PHI MEDIAN DIAMETER (Md ϕ)					
g. PHI DEVIATION MEASURE (σ ϕ)					
h. PHI SKEWNESS MEASURE (α ϕ)					
15. CHEMICAL ANALYSIS					15
a. $CaCO_3$ (%)	12	15	14	14	
b. Organic Carbon (%)	0.91				

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SEDIMENT ANALYSIS SUMMARY SHEET

1. CRUISE NO. 00865	2. SAMPLE NO. BS-45 Station AS 56	3. SAMPLER TYPE Phleger		
4. LATITUDE 20° 29' N	7. WATER DEPTH (meters) 25.6			
5. LONGITUDE 71° 38' E	8. CORE LENGTH (cm) 12			
6. DATE (day, month, year) 14 March 1961	9. CORE PENETRATION (cm) 76			
10. LABORATORY NUMBER	7115	7116	7117	7118
11. SUB SAMPLE DEPTH IN CORE (cm)	0-7	7-12	30-35	57-62
12. COLOR (by the GSA rock color chart) F FIELD L LAB. DETERMINATION	F Dark Yellowish Brown 10YR4/2 L	F Olive Gray* 5Y4/1 L	F Olive Gray* 5Y4/1 L	F Olive Gray* 5Y4/1 L
13. ODOR (earthy, moldy, rank, H_2S, etc.)	L Foul	L Foul	L Foul	L Foul
14. SIZE ANALYSIS and STATISTICAL MEASURES				
a. % COARSER THAN SAND (< −1 ϕ)				
b. % SAND	19	8	3	5
c. % SILT	39	60	41	40
d. % CLAY	42	32	56	55
e. SEDIMENT TYPE	Silty Clay	Clayey Silt	Silty Clay	Silty Clay
f. PHI MEDIAN DIAMETER (Md ϕ)	7.76	6.17		
g. PHI DEVIATION MEASURE (σ ϕ)				
h. PHI SKEWNESS MEASURE (α ϕ)				
15. CHEMICAL ANALYSIS				
a. $CaCO_3$ (%)	14	14	14	13
b. Organic Carbon				

*Contains black streaks

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SEDIMENT ANALYSIS SUMMARY SHEET

1. CRUISE NO. 00865	2. SAMPLE NO. BS-46 Station AS 55	3. SAMPLER TYPE Phleger		
4. LATITUDE 20° 30' N	7. WATER DEPTH (meters) 51.2			
5. LONGITUDE 70° 30' E	8. CORE LENGTH (cm) 68.5			
6. DATE (day, month, year) 14 March 1961	9. CORE PENETRATION (cm) 91.4			
10. LABORATORY NUMBER	7127	7128	7129	7130
11. SUB SAMPLE DEPTH IN CORE (cm)	0-5	20-26	40-45	62-68.5
12. COLOR (by the GSA rock color chart) F FIELD L LAB. DETERMINATION	F Light Olive Gray 5Y5/2	F Light Olive Gray 5Y5/2	F Olive Gray 5Y3/2	F Olive Gray 5Y3/2
13. ODOR (earthy, moldy, rank, H_2S, etc.)				
14. SIZE ANALYSIS and STATISTICAL MEASURES				
a. % COARSER THAN SAND (< −1 ϕ)		2		
b. % SAND	3	2	4	1
c. % SILT	49	51	50	54
d. % CLAY	48	45	46	44
e. SEDIMENT TYPE	Clayey Silt	Clayey Silt	Clayey Silt	Clayey Silt
f. PHI MEDIAN DIAMETER (Md ϕ)	8.74	8.37	8.50	8.42
g. PHI DEVIATION MEASURE (σ ϕ)				
h. PHI SKEWNESS MEASURE (α ϕ)				
15. CHEMICAL ANALYSIS				
a. $CaCO_3$ (%)	14	17	15	16
b. Organic Carbon (%)				

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SEDIMENT ANALYSIS SUMMARY SHEET

1. CRUISE NO. 00865	2. SAMPLE NO. BS-47 Station AS 54	3. SAMPLER TYPE Orange Peel		
4. LATITUDE 20° 30' N	7. WATER DEPTH (meters) 122.5			
5. LONGITUDE 069° 23' E	8. CORE LENGTH (cm) –			
6. DATE (day, month, year) 15 March 1961	9. CORE PENETRATION (cm) –			
10. LABORATORY NUMBER	7800			
11. SUB SAMPLE DEPTH IN CORE (cm)				
12. COLOR (by the GSA rock color chart) F FIELD L LAB. DETERMINATION	F Light Olive Gray 5Y5/2			
13. ODOR (earthy, moldy, rank, H_2S, etc.)				
14. SIZE ANALYSIS and STATISTICAL MEASURES				
a. % COARSER THAN SAND (< −1 ϕ)				
b. % SAND	98			
c. % SILT	} 1			
d. % CLAY				
e. SEDIMENT TYPE	Sand			
f. PHI MEDIAN DIAMETER (Md ϕ)	2.88			
g. PHI DEVIATION MEASURE (σ ϕ)	0.60			
h. PHI SKEWNESS MEASURE (α ϕ)	−0.07			
15. CHEMICAL ANALYSIS				
a. $CaCO_3$ (%)	80			
b. Organic Carbon				

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SEDIMENT ANALYSIS SUMMARY SHEET

1. CRUISE NO. 00865	2. SAMPLE NO. BS-48 Station AS 52	3. SAMPLER TYPE Phleger	
4. LATITUDE 20° 30' N	7. WATER DEPTH (meters) 3010		
5. LONGITUDE 067° 30' E	8. CORE LENGTH (cm) 75.3		
6. DATE (day, month, year) 15 March 1961	9. CORE PENETRATION (cm) 91.4		

10. LABORATORY NUMBER	7061	7062	7063	7064
11. SUB SAMPLE DEPTH IN CORE (cm)	0-2.5	2.5-4.5	4.5-8	10-13
12. COLOR (by the GSA rock color chart) F FIELD L LAB. DETERMINATION	Dark Yellowish Brown 10YR4/2 L	Light Olive Gray 5Y5/2 L	Pale Yellowish Brown 10YR6/2, Dk. Yellowish Brown 10YR4/2 L	Pale Yellowish Brown 10YR6/2, Dk. Yellowish Brown 10YR4/2 L
13. ODOR (earthy, moldy, rank, H_2S, etc.)				
14. SIZE ANALYSIS and STATISTICAL MEASURES				
a. % COARSER THAN SAND (< −1 φ)				
b. % SAND	1	1	1	1
c. % SILT	52	61	47	46
d. % CLAY	48	37	51	52
e. SEDIMENT TYPE	Clayey Silt	Clayey Silt	Silty Clay	Silty Clay
f. PHI MEDIAN DIAMETER (Md φ)	8.83	8.80		
g. PHI DEVIATION MEASURE (σ φ)				
h. PHI SKEWNESS MEASURE (α φ)				
15. CHEMICAL ANALYSIS				
a. $CaCO_3$ (%)	25	25	38	41
b. Organic Carbon (%)	1.05			

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SEDIMENT ANALYSIS SUMMARY SHEET

1. CRUISE NO.	2. SAMPLE NO. BS-48	3. SAMPLER TYPE	
4. LATITUDE ° ' "	7. WATER DEPTH (meters)		
5. LONGITUDE ° ' "	8. CORE LENGTH (cm)		
6. DATE (day, month, year)	9. CORE PENETRATION (cm)		

10. LABORATORY NUMBER	7065	7066	7067	7068
11. SUB SAMPLE DEPTH IN CORE (cm)	13-17	17-21	21-27	27-31
12. COLOR (by the GSA rock color chart) F FIELD L LAB. DETERMINATION	Grayish Olive 10Y4/2 L	Grayish Olive 10Y4/2 L	Light Olive Gray 5Y6/1 L	Light Olive Gray 5Y5/2 L
13. ODOR (earthy, moldy, rank, H_2S, etc.)				
14. SIZE ANALYSIS and STATISTICAL MEASURES				
a. % COARSER THAN SAND (< −1 φ)				
b. % SAND	2	3	6	5
c. % SILT	43	57	44	48
d. % CLAY	55	40	51	47
e. SEDIMENT TYPE	Silty Clay	Clayey Silt	Silty Clay	Clayey Silt
f. PHI MEDIAN DIAMETER (Md φ)		8.10	9.00	8.77
g. PHI DEVIATION MEASURE (σ φ)				
h. PHI SKEWNESS MEASURE (α φ)				
15. CHEMICAL ANALYSIS				
a. $CaCO_3$ (%)	36	45	48	56
b. Organic Carbon (%)				

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SEDIMENT ANALYSIS SUMMARY SHEET

1. CRUISE NO.	2. SAMPLE NO. BS-48 (continued)	3. SAMPLER TYPE	
4. LATITUDE ° ' "	7. WATER DEPTH (meters)		
5. LONGITUDE ° ' "	8. CORE LENGTH (cm)		
6. DATE (day, month, year)	9. CORE PENETRATION (cm)		

10. LABORATORY NUMBER	7069	7070	7071	7072
11. SUB SAMPLE DEPTH IN CORE (cm)	39-43	43-48	50-54	54-58
12. COLOR (by the GSA rock color chart) F FIELD L LAB. DETERMINATION	Light Olive Gray 5Y6/2 L	Light Olive Gray 5Y5/2 L	Light Olive Gray 5Y5/2 L	Light Olive Gray 5Y5/2 L
13. ODOR (earthy, moldy, rank, H_2S, etc.)				
14. SIZE ANALYSIS and STATISTICAL MEASURES				
a. % COARSER THAN SAND (< −1 φ)				
b. % SAND	8	13	30	6
c. % SILT	63	56	37	38
d. % CLAY	29	31	32	57
e. SEDIMENT TYPE	Clayey Silt	Clayey Silt	Silty Mud	Silty Clay
f. PHI MEDIAN DIAMETER (Md φ)	7.18	6.88	6.15	
g. PHI DEVIATION MEASURE (σ φ)				
h. PHI SKEWNESS MEASURE (α φ)				
15. CHEMICAL ANALYSIS				
a. $CaCO_3$ (%)	61	58	68	52
b. Organic Carbon (%)				

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SEDIMENT ANALYSIS SUMMARY SHEET

1. CRUISE NO.	2. SAMPLE NO. BS-48 (continued)	3. SAMPLER TYPE	
4. LATITUDE ° ' "	7. WATER DEPTH (meters)		
5. LONGITUDE ° ' "	8. CORE LENGTH (cm)		
6. DATE (day, month, year)	9. CORE PENETRATION (cm)		

10. LABORATORY NUMBER	7073	7074	7075
11. SUB SAMPLE DEPTH IN CORE (cm)	62-66	66-73	73-76.2
12. COLOR (by the GSA rock color chart) F FIELD L LAB. DETERMINATION	Light Olive Gray 5Y5/2 L	Medium Light Gray N6 L	Light Olive Gray 5Y5/2 L
13. ODOR (earthy, moldy, rank, H_2S, etc.)			
14. SIZE ANALYSIS and STATISTICAL MEASURES			
a. % COARSER THAN SAND (< −1 φ)			
b. % SAND	6	9	13
c. % SILT	58	44	40
d. % CLAY	37	48	48
e. SEDIMENT TYPE	Clayey Silt	Silty Clay	Silty Clay
f. PHI MEDIAN DIAMETER (Md φ)	7.43	8.73	8.75
g. PHI DEVIATION MEASURE (σ φ)			
h. PHI SKEWNESS MEASURE (α φ)			
15. CHEMICAL PROPERTIES			
a. $CaCO_3$ (%)	67	56	58
b. Organic Carbon (%)			

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SEDIMENT ANALYSIS SUMMARY SHEET

1. CRUISE NO. 00865	2. SAMPLE NO. BS-49 Station AS51	3. SAMPLER TYPE Phleger	
4. LATITUDE 20° 30' N	7. WATER DEPTH (meters) 2388		
5. LONGITUDE 066° 30' E	8. CORE LENGTH (cm) 36.0		
6. DATE (day, month, year) 15 March 1961	9. CORE PENETRATION (cm) 61		
10. LABORATORY NUMBER	7192	7193	7194	7195
11. SUB SAMPLE DEPTH IN CORE (cm)	0-3	3-9	9-13	13-17
12. COLOR (by the GSA rock color chart) F FIELD L LAB. DETERMINATION	F Dark Yellowish Brown 10YR4/2	F Pale Yellowish Brown 10YR6/2	F Pale Yellowish Brown 10YR6/2	F Light Olive Gray 5Y5/2
	L	L	L	L
13. ODOR (earthy, moldy, rank, H_2S, etc.)				
14. SIZE ANALYSIS and STATISTICAL MEASURES				
a. % COARSER THAN SAND (<−1 φ)				
b. % SAND	3	3	4	4
c. % SILT	51	50	50	51
d. % CLAY	47	47	47	46
e. SEDIMENT TYPE	Clayey Silt	Clayey Silt	Clayey Silt	Clayey Silt
f. PHI MEDIAN DIAMETER (Md φ)	8.73	8.80	8.72	8.67
g. PHI DEVIATION MEASURE (σ φ)				
h. PHI SKEWNESS MEASURE (α φ)				
15. CHEMICAL ANALYSIS				
a. $CaCO_3$ (%)		49	51	53
b. Organic Carbon (%)				

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SEDIMENT ANALYSIS SUMMARY SHEET

1. CRUISE NO.	2. SAMPLE NO. BS-49 (continued)	3. SAMPLER TYPE	
4. LATITUDE ° ' '	7. WATER DEPTH (meters)		
5. LONGITUDE ° ' '	8. CORE LENGTH (cm)		
6. DATE (day, month, year)	9. CORE PENETRATION (cm)		
10. LABORATORY NUMBER	7196	7197	7198
11. SUB SAMPLE DEPTH IN CORE (cm)	17-21.5	28.5-33.2	33.2-36
12. COLOR (by the GSA rock color chart) F FIELD L LAB. DETERMINATION	Light Olive Gray 5Y5/2	Light Olive Gray 5Y5/2	Light Olive Gray 5Y5/2
13. ODOR (earthy, moldy, rank, H_2S, etc.)			
14. SIZE ANALYSIS and STATISTICAL MEASURES			
a. % COARSER THAN SAND (<−1 φ)			
b. % SAND	8	12	5
c. % SILT	50	48	51
d. % CLAY	43	40	44
e. SEDIMENT TYPE	Clayey Silt	Clayey Silt	Clayey Silt
f. PHI MEDIAN DIAMETER (Md φ)	8.40	8.22	8.61
g. PHI DEVIATION MEASURE (σ φ)			
h. PHI SKEWNESS MEASURE (α φ)			
15. CHEMICAL ANALYSIS			
a. $CaCO_3$ (%)	54	51	32
b. Organic Carbon (%)			

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SEDIMENT ANALYSIS SUMMARY SHEET

1. CRUISE NO. 00865	2. SAMPLE NO. BS-50 Station AS50	3. SAMPLER TYPE Phleger	
4. LATITUDE 20° 30' N	7. WATER DEPTH (meters) 3292		
5. LONGITUDE 065° 30' E	8. CORE LENGTH (cm) 57.2		
6. DATE (day, month, year) 16 March 1961	9. CORE PENETRATION (cm) 61		
10. LABORATORY NUMBER	7044	7045	7046	7047
11. SUB SAMPLE DEPTH IN CORE (cm)	0-2.5	2.5-7	13-17	24.5-28
12. COLOR (by the GSA rock color chart) F FIELD L LAB. DETERMINATION	F Dark Yellowish Brown 10YR4/2	F Dk. Yellowish Brown 10YR4/2, Pale Yell Brown 10YR6/2	F Pale Yellowish Brown 10YR6/2	F Pale Yellowish Brown 10YR6/2
	L	L	L	L
13. ODOR (earthy, moldy, rank, H_2S, etc.)				
14. SIZE ANALYSIS and STATISTICAL MEASURES				
a. % COARSER THAN SAND (<−1 φ)				
b. % SAND	3	3	12	8
c. % SILT	58	53	49	52
d. % CLAY	38	44	39	40
e. SEDIMENT TYPE	Clayey Silt	Clayey Silt	Clayey Silt	Clayey Silt
f. PHI MEDIAN DIAMETER (Md φ)	8.37	8.62	8.16	8.20
g. PHI DEVIATION MEASURE (σ φ)				
h. PHI SKEWNESS MEASURE (α φ)				
15. CHEMICAL ANALYSIS				
a. $CaCO_3$ (%)	51	56	64	54
b. Organic Carbon (%)	0.88			

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SEDIMENT ANALYSIS SUMMARY SHEET

1. CRUISE NO.	2. SAMPLE NO. BS-50 (continued)	3. SAMPLER TYPE	
4. LATITUDE ° ' '	7. WATER DEPTH (meters)		
5. LONGITUDE ° ' '	8. CORE LENGTH (cm)		
6. DATE (day, month, year)	9. CORE PENETRATION (cm)		
10. LABORATORY NUMBER	7048	7049	7050	7051
11. SUB SAMPLE DEPTH IN CORE (cm)	28-31.7	31.7-34.4	34.4-36.4	36.4-40
12. COLOR (by the GSA rock color chart) F FIELD L LAB. DETERMINATION	F Dark Yellowish Brown 10YR4/2	F Light Olive Gray 5Y6/1	F Dusky Yellowish Brown 5GY5/2, Lt. Olive Gray 5Y6/1	F Light Olive Gray 5Y6/1
	L	L	L	L
13. ODOR (earthy, moldy, rank, H_2S, etc.)				
14. SIZE ANALYSIS and STATISTICAL MEASURES				
a. % COARSER THAN SAND (<−1 φ)				
b. % SAND	9	8	7	5
c. % SILT	52	52	55	56
d. % CLAY	39	41	37	39
e. SEDIMENT TYPE	Clayey Silt	Clayey Silt	Clayey Silt	Clayey Silt
f. PHI MEDIAN DIAMETER (Md φ)	8.15	8.34	8.20	8.25
g. PHI DEVIATION MEASURE (σ φ)				
h. PHI SKEWNESS MEASURE (α φ)				
15. CHEMICAL ANALYSIS				
a. $CaCO_3$ (%)	62	52	45	45
b. Organic Carbon (%)				

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SEDIMENT ANALYSIS SUMMARY SHEET

1. CRUISE NO.	2. SAMPLE NO. BS-50 (continued)	3. SAMPLER TYPE	
4. LATITUDE ° ' "	7. WATER DEPTH (meters)		
5. LONGITUDE ° ' "	8. CORE LENGTH (cm)		
6. DATE (day, month, year)	9. CORE PENETRATION (cm)		
10. LABORATORY NUMBER	7052	7053	7054
11. SUB SAMPLE DEPTH IN CORE (cm)	42-44	48-53	53-57.2
12. COLOR (by the GSA rock color chart) [F] FIELD [L] LAB. DETERMINATION	F: lt Olive Gray 5Y6/1, Black N1; L:	F: lt. Olive Gray 5Y6/1; L:	F: lt Olive Gray 5Y6/1; L:
13. ODOR (earthy, moldy, rank, H_2S, etc.)			
14. SIZE ANALYSIS and STATISTICAL MEASURES			
a. % COARSER THAN SAND (< −1 ϕ)			
b. % SAND	3	3	3
c. % SILT	59	62	62
d. % CLAY	38	36	34
e. SEDIMENT TYPE	Clayey Silt	Clayey Silt	Clayey Silt
f. PHI MEDIAN DIAMETER (Md ϕ)	8.16	8.01	8.08
g. PHI DEVIATION MEASURE (σ ϕ)			
h. PHI SKEWNESS MEASURE (α ϕ)			
15. CHEMICAL ANALYSIS			
a. $CaCO_3$ (%)		48	48
b. Organic Carbon (%)			

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SEDIMENT ANALYSIS SUMMARY SHEET

1. CRUISE NO. 00865	2. SAMPLE NO. BS-51 Station AS46	3. SAMPLER TYPE Phleger		
4. LATITUDE 20 ° 30 ' " N	7. WATER DEPTH (meters) 3477			
5. LONGITUDE 061 ° 30 ' " E	8. CORE LENGTH (cm) 70			
6. DATE (day, month, year) 17 March 1961	9. CORE PENETRATION (cm) 91.4			
10. LABORATORY NUMBER	7081	7082	7083	7084
11. SUB SAMPLE DEPTH IN CORE (cm)	0-2.6	2.6-11	11-16	25-31.5
12. COLOR (by the GSA rock color chart) [F] FIELD [L] LAB. DETERMINATION	F: Dark Yellowish Brown 10YR4/2; L:	F: Yellowish Gray 5Y7/2; L:	F: Yellowish Gray 5Y7/2; L:	F: Yellowish Gray 5Y7/2; L:
13. ODOR (earthy, moldy, rank, H_2S, etc.)				
14. SIZE ANALYSIS and STATISTICAL MEASURES				
a. % COARSER THAN SAND (< −1 ϕ)				
b. % SAND	3	6	6	7
c. % SILT	60	55	55	64
d. % CLAY	37	40	39	30
e. SEDIMENT TYPE	Clayey Silt	Clayey Silt	Clayey Silt	Clayey Silt
f. PHI MEDIAN DIAMETER (Md ϕ)	7.77	8.04	8.02	7.00
g. PHI DEVIATION MEASURE (σ ϕ)				
h. PHI SKEWNESS MEASURE (α ϕ)				
15. CHEMICAL ANALYSIS				
a. $CaCO_3$ (%)	40	51	55	52
b. Organic Carbon (%)	0.77			

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SEDIMENT ANALYSIS SUMMARY SHEET

1. CRUISE NO.	2. SAMPLE NO. BS-51 (continued)	3. SAMPLER TYPE		
4. LATITUDE ° ' "	7. WATER DEPTH (meters)			
5. LONGITUDE ° ' "	8. CORE LENGTH (cm)			
6. DATE (day, month, year)	9. CORE PENETRATION (cm)			
10. LABORATORY NUMBER	7085	7086	7087	7088
11. SUB SAMPLE DEPTH IN CORE (cm)	31.5-36	36-42	42-47	65-70
12. COLOR (by the GSA rock color chart) [F] FIELD [L] LAB. DETERMINATION	F: Light Olive Gray 5Y5/2; L:	F: Light Olive Gray 5Y5/2; L:	F: Grayish Olive 5Y4/2; L:	F: Grayish Olive 5Y4/2; L:
13. ODOR (earthy, moldy, rank, H_2S, etc.)				
14. SIZE ANALYSIS and STATISTICAL MEASURES				
a. % COARSER THAN SAND (< −1 ϕ)				
b. % SAND	4	4	3	3
c. % SILT	67	69	67	70
d. % CLAY	29	28	31	27
e. SEDIMENT TYPE	Clayey Silt	Clayey Silt	Clayey Silt	Clayey Silt
f. PHI MEDIAN DIAMETER (Md ϕ)	7.12	7.03	7.27	7.12
g. PHI DEVIATION MEASURE (σ ϕ)				
h. PHI SKEWNESS MEASURE (α ϕ)				
15. CHEMICAL ANALYSIS				
a. $CaCO_3$ (%)	51	48	48	48
b. Organic Carbon (%)				

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SEDIMENT ANALYSIS SUMMARY SHEET

1. CRUISE NO. 00865	2. SAMPLE NO. BS-52 Station AS46	3. SAMPLER TYPE Phleger		
4. LATITUDE 20 ° 30 ' "	7. WATER DEPTH (meters) 3477			
5. LONGITUDE 60 ° 30 ' "	8. CORE LENGTH (cm) 69			
6. DATE (day, month, year) 17 March 1961	9. CORE PENETRATION (cm) 91.4			
10. LABORATORY NUMBER	7225	7226	7227	7228
11. SUB SAMPLE DEPTH IN CORE (cm)	0-5	8-12	12-17	20-26
12. COLOR (by the GSA rock color chart) F FIELD L LAB. DETERMINATION	Light Olive Gray 5Y5/2	Light Olive Gray 5Y5/2	Grayish Olive 10Y4/2	Grayish Olive 10Y4/2
13. ODOR (earthy, moldy, rank, H_2S, etc.)				
14. SIZE ANALYSIS and STATISTICAL MEASURES				
a. % COARSER THAN SAND (<−1 φ)				
b. % SAND	6	5	1	3
c. % SILT	54	51	56	60
d. % CLAY	40	45	43	37
e. SEDIMENT TYPE	Clayey Silt	Clayey Silt	Clayey Silt	Clayey Silt
f. PHI MEDIAN DIAMETER (Md φ)	8.15	8.48	8.60	7.84
g. PHI DEVIATION MEASURE (σ φ)				
h. PHI SKEWNESS MEASURE (α φ)				
15. CHEMICAL ANALYSIS				
a. $CaCO_3$ (%)	38	43	47	47
b. Organic Carbon (%)	2.16			

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SEDIMENT ANALYSIS SUMMARY SHEET

1. CRUISE NO.	2. SAMPLE NO. BS-52 (continued)	3. SAMPLER TYPE		
4. LATITUDE ° ' "	7. WATER DEPTH (meters)			
5. LONGITUDE ° ' "	8. CORE LENGTH (cm)			
6. DATE (day, month, year)	9. CORE PENETRATION (cm)			
10. LABORATORY NUMBER	7229	7230	7231	7232
11. SUB SAMPLE DEPTH IN CORE (cm)	26-30	40-44.5	50-55	64-69
12. COLOR (by the GSA rock color chart) F FIELD L LAB. DETERMINATION	Light Olive Gray 5Y5/2	Light Olive Gray 5Y5/2	Light Olive Gray 5Y5/2	Light Olive Gray 5Y5/2
13. ODOR (earthy, moldy, rank, H_2S, etc.)				
14. SIZE ANALYSIS and STATISTICAL MEASURES				
a. % COARSER THAN SAND (<−1 φ)				
b. % SAND	2	2	3	4
c. % SILT	56	59	51	51
d. % CLAY	42	40	46	44
e. SEDIMENT TYPE	Clayey Silt	Clayey Silt	Clayey Silt	Clayey Silt
f. PHI MEDIAN DIAMETER (Md φ)	8.28	8.14	8.29	8.21
g. PHI DEVIATION MEASURE (σ φ)				
h. PHI SKEWNESS MEASURE (α φ)				
15. CHEMICAL ANALYSIS				
a. $CaCO_3$ (%)	44	40	51	45
b. Organic Carbon (%)				

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SEDIMENT ANALYSIS SUMMARY SHEET

1. CRUISE NO. 00865	2. SAMPLE NO. BS-53 Station AS47	3. SAMPLER TYPE Phleger		
4. LATITUDE 20 ° 30 ' N	7. WATER DEPTH (meters) 2486.7			
5. LONGITUDE 059 ° 30 ' E	8. CORE LENGTH (cm) 66			
6. DATE (day, month, year) 17 March 1961	9. CORE PENETRATION (cm) 71.1			
10. LABORATORY NUMBER	6997	6998	6999	7000
11. SUB SAMPLE DEPTH IN CORE (cm)	0-4.5	20-24.5	40-44.5	62-66
12. COLOR (by the GSA rock color chart) F FIELD L LAB. DETERMINATION	F Grayish Olive 10Y4/2	F Grayish Olive 10Y4/2, Lt. Olive Brown 5Y5/6	F Grayish Olive 10Y4/2, Lt. Olive Brown 5Y5/6	F Grayish Olive 10Y4/2, Lt. Olive Brown 5Y5/6
13. ODOR (earthy, moldy, rank, H_2S, etc.)				
14. SIZE ANALYSIS and STATISTICAL MEASURES				
a. % COARSER THAN SAND (<−1 φ)				
b. % SAND	4	2	4	5
c. % SILT	62	60	59	59
d. % CLAY	34	38	36	36
e. SEDIMENT TYPE	Clayey Silt	Clayey Silt	Clayey Silt	Clayey Silt
f. PHI MEDIAN DIAMETER (Md φ)	7.55	7.84	7.75	7.57
g. PHI DEVIATION MEASURE (σ φ)				
h. PHI SKEWNESS MEASURE (α φ)				
15. CHEMICAL ANALYSIS				
a. $CaCO_3$ (%)	44	46	50	52
b. Organic Carbon (%)	0.93			

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SEDIMENT ANALYSIS SUMMARY SHEET

1. CRUISE NO. 00865	2. SAMPLE NO. BS-54 Station AS43	3. SAMPLER TYPE Phleger	
4. LATITUDE 21° 30' N	7. WATER DEPTH (meters) 4527		
5. LONGITUDE 059° 45' E	8. CORE LENGTH (cm) 59.7		
6. DATE (day, month, year) 17 March 1961	9. CORE PENETRATION (cm) 91.4		
10. LABORATORY NUMBER	7668	7669	7670	7671
11. SUB SAMPLE DEPTH IN CORE (cm)	0-5	10-15	20-25	30-35
12. COLOR (by the GSA rock color chart) F FIELD L LAB. DETERMINATION	Moderate Olive Brown 5Y4/4	Moderate Olive Brown 5Y4/4	Moderate Olive Brown 5Y4/4	Moderate Olive Brown 5Y4/4
13. ODOR (earthy, moldy, rank, H_2S, etc.)				
14. SIZE ANALYSIS and STATISTICAL MEASURES				
a. % COARSER THAN SAND (<−1 ϕ)				
b. % SAND	37	26	28	31
c. % SILT	45	52	50	48
d. % CLAY	17	22	22	20
e. SEDIMENT TYPE	Sandy Silt	Silty Mud	Silty Mud	Silty Mud
f. PHI MEDIAN DIAMETER (Md ϕ)	3.97	5.46	5.32	5.20
g. PHI DEVIATION MEASURE (σ ϕ)	1.62			
h. PHI SKEWNESS MEASURE (α ϕ)	0.96			
15. CHEMICAL ANALYSIS				
a. $CaCO_3$ (%)	53	55	58	56
b. Organic Carbon (%)	3.16			

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SEDIMENT ANALYSIS SUMMARY SHEET

1. CRUISE NO.	2. SAMPLE NO. BS-54 (continued)	3. SAMPLER TYPE	
4. LATITUDE ° ' "	7. WATER DEPTH (meters)		
5. LONGITUDE ° ' "	8. CORE LENGTH (cm)		
6. DATE (day, month, year)	9. CORE PENETRATION (cm)		
10. LABORATORY NUMBER	7672	7673	
11. SUB SAMPLE DEPTH IN CORE (cm)	40-45	54-59.4	
12. COLOR (by the GSA rock color chart) F FIELD L LAB. DETERMINATION	Moderate Olive Brown 5Y4/4	Grayish Olive 10Y4/2	
13. ODOR (earthy, moldy, rank, H_2S, etc.)			
14. SIZE ANALYSIS and STATISTICAL MEASURES			
a. % COARSER THAN SAND (<−1 ϕ)			
b. % SAND	26	32	
c. % SILT	56	60	
d. % CLAY	19	9	
e. SEDIMENT TYPE	Sandy Silt	Sandy Silt	
f. PHI MEDIAN DIAMETER (Md ϕ)	5.20	4.74	
g. PHI DEVIATION MEASURE (σ ϕ)		1.68	
h. PHI SKEWNESS MEASURE (α ϕ)		0.34	
15. CHEMICAL ANALYSIS			
a. $CaCO_3$ (%)	56	56	
b. Organic Carbon (%)			

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SEDIMENT ANALYSIS SUMMARY SHEET

1. CRUISE NO. 00865	2. SAMPLE NO. BS-55 Station AS42	3. SAMPLER TYPE Phleger			
4. LATITUDE 21° 30' N	7. WATER DEPTH (meters) 3109				
5. LONGITUDE 060° 30' E	8. CORE LENGTH (cm) 74.3				
6. DATE (day, month, year) 18 March 1961	9. CORE PENETRATION (cm) 91.4				
10. LABORATORY NUMBER	7119*	7120	7121	7122	7123
11. SUB SAMPLE DEPTH IN CORE (cm)	0-5	20-25	40-44.5	58-62	69.5-74.3
12. COLOR (by the GSA rock color chart) F FIELD L LAB. DETERMINATION	Greenish Gray 5GY6/1 Moderate Brown F 5YR4/4	Greenish Gray F 5GY6/1	Greenish Gray F 5GY6/1	Greenish Gray F 5GY6/1	Greenish Gray 5GY6/1
13. ODOR (earthy, moldy, rank, H_2S, etc.)					
14. SIZE ANALYSIS and STATISTICAL MEASURES					
a. % COARSER THAN SAND (<−1 ϕ)					
b. % SAND	3	2	2	5	4
c. % SILT	55	53	52	51	56
d. % CLAY	41	45	46	44	39
e. SEDIMENT TYPE	Clayey Silt	Clayey Silt	Clayey Silt	Clayey Silt	Clayey Silt
f. PHI MEDIAN DIAMETER (Md ϕ)	8.35	8.56	8.65	8.87	7.98
g. PHI DEVIATION MEASURE (σ ϕ)					
h. PHI SKEWNESS MEASURE (α ϕ)					
15. CHEMICAL ANALYSIS					
a. $CaCO_3$ (%)	32	41	43	45	49
b. Organic Carbon (%)	2.99				

*Contained a thin layer of brown silt

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SEDIMENT ANALYSIS SUMMARY SHEET

1. CRUISE NO. 00865	2. SAMPLE NO. BS-56 Station AS 24	3. SAMPLER TYPE Phleger	
4. LATITUDE 22° 30'	' N	7. WATER DEPTH (meters) 2981	
5. LONGITUDE 060° 30'	' E	8. CORE LENGTH (cm) 61	
6. DATE (day, month, year) 18 March 1961		9. CORE PENETRATION (cm) 91.4	
10. LABORATORY NUMBER	7628	7629	7630	7631
11. SUB SAMPLE DEPTH IN CORE (cm)	0-5	10-15	22-26	26-31
12. COLOR (by the GSA rock color chart) F FIELD L LAB. DETERMINATION	Moderate Olive Brown 5Y4/4, Dark Yellowish Brown 10YR4/2	Moderate Olive Brown 5Y4/4	Moderate Olive Brown 5Y4/4	Grayish Olive 10Y4/2
13. ODOR (earthy, moldy, rank, H_2S, etc.)				
14. SIZE ANALYSIS and STATISTICAL MEASURES				
a. % COARSER THAN SAND (< −1 ϕ)				
b. % SAND	16	17	19	21
c. % SILT	49	48	47	44
d. % CLAY	35	34	34	35
e. SEDIMENT TYPE	Clayey Silt	Clayey Silt	Clayey Silt	Silty Mud
f. PHI MEDIAN DIAMETER (Md ϕ)	7.06	6.94	7.26	7.35
g. PHI DEVIATION MEASURE (σ ϕ)				
h. PHI SKEWNESS MEASURE (α ϕ)				
15. CHEMICAL ANALYSIS				
a. $CaCO_3$ (%)	27	32	36	33
b. Organic Carbon (%)				

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SEDIMENT ANALYSIS SUMMARY SHEET

1. CRUISE NO.	2. SAMPLE NO. BS-56 (continued)	3. SAMPLER TYPE	
4. LATITUDE ° '	'	7. WATER DEPTH (meters)	
5. LONGITUDE ° '	'	8. CORE LENGTH (cm)	
6. DATE (day, month, year)		9. CORE PENETRATION (cm)	
10. LABORATORY NUMBER	7632	7633	7634
11. SUB SAMPLE DEPTH IN CORE (cm)	36-40	45-49	55-61
12. COLOR (by the GSA rock color chart) F FIELD L LAB. DETERMINATION	Grayish Olive 10Y4/2	Grayish Olive 10Y4/2	Grayish Olive 10Y4/2
13. ODOR (earthy, moldy, rank, H_2S, etc.)			
14. SIZE ANALYSIS and STATISTICAL MEASURES			
a. % COARSER THAN SAND (< −1 ϕ)			
b. % SAND	5	4	3
c. % SILT	54	53	52
d. % CLAY	41	42	45
e. SEDIMENT TYPE	Clayey Silt	Clayey Silt	Clayey Silt
f. PHI MEDIAN DIAMETER (Md ϕ)	8.14	8.44	8.52
g. PHI DEVIATION MEASURE (σ ϕ)			
h. PHI SKEWNESS MEASURE (α ϕ)			
15. CHEMICAL ANALYSIS			
a. $CaCO_3$ (%)	35	36	39
b. Organic Carbon (%)			

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SEDIMENT ANALYSIS SUMMARY SHEET

1. CRUISE NO. 00865	2. SAMPLE NO. BS-57 Station AS 4	3. SAMPLER TYPE Phleger	
4. LATITUDE 24° 30'	' N	7. WATER DEPTH (meters) 2177	
5. LONGITUDE 058° 30'	' E	8. CORE LENGTH (cm) 41	
6. DATE (day, month, year) 19 March 1961		9. CORE PENETRATION (cm) 91.4	
10. LABORATORY NUMBER	7017	7018	7019
11. SUB SAMPLE DEPTH IN CORE (cm)	0-5	18-22.5	37-41
12. COLOR (by the GSA rock color chart) F FIELD L LAB. DETERMINATION	Grayish Olive 10Y4/2 F	Grayish Olive 10Y4/2 F	Grayish Olive 10Y4/2 F
13. ODOR (earthy, moldy, rank, H_2S, etc.)			
14. SIZE ANALYSIS and STATISTICAL MEASURES			
a. % COARSER THAN SAND (< −1 ϕ)			
b. % SAND	1	Trace	1
c. % SILT	56	51	53
d. % CLAY	43	50	46
e. SEDIMENT TYPE	Clayey Silt	Clayey Silt	Clayey Silt
f. PHI MEDIAN DIAMETER (Md ϕ)	8.55	8.93	8.77
g. PHI DEVIATION MEASURE (σ ϕ)			
h. PHI SKEWNESS MEASURE (α ϕ)			
15. CHEMICAL ANALYSIS			
a. $CaCO_3$ (%)	25	27	28
b. Organic Carbon (%)	2.05		

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SEDIMENT ANALYSIS SUMMARY SHEET

1. CRUISE NO. 00865	2. SAMPLE NO. BS-58 Station AS 3	3. SAMPLER TYPE Phleger	
4. LATITUDE 24° 30'	' N	7. WATER DEPTH (meters) 1518	
5. LONGITUDE 57° 30'	' E	8. CORE LENGTH (cm) 46	
6. DATE (day, month, year) 19 March 1961		9. CORE PENETRATION (cm) 91.4	
10. LABORATORY NUMBER	7105	7106	7107
11. SUB SAMPLE DEPTH IN CORE (cm)	0-5	20-24	42-46
12. COLOR (by the GSA rock color chart) F FIELD L LAB. DETERMINATION	Dusky Yellow Green 5GY5/2 F	Dusky Yellow Green 5GY5/2 F	Dusky Yellow Green 5GY5/2 F
13. ODOR (earthy, moldy, rank, H_2S, etc.)			
14. SIZE ANALYSIS and STATISTICAL MEASURES			
a. % COARSER THAN SAND (< −1 ϕ)			
b. % SAND	1	2	2
c. % SILT	49	48	46
d. % CLAY	50	49	52
e. SEDIMENT TYPE	Silty Clay	Silty Clay	Silty Clay
f. PHI MEDIAN DIAMETER (Md ϕ)	9.00	9.00	
g. PHI DEVIATION MEASURE (σ ϕ)			
h. PHI SKEWNESS MEASURE (α ϕ)			
15. CHEMICAL ANALYSIS			
a. $CaCO_3$ (%)	33	36	35
b. Organic Carbon (%)	2.99		

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SEDIMENT ANALYSIS SUMMARY SHEET

1. CRUISE NO. 00865	2. SAMPLE NO. BS-59 Station AS 1	3. SAMPLER TYPE Phleger	
4. LATITUDE 25° 23 ' N	7. WATER DEPTH (meters) 622		
5. LONGITUDE 057° 27.5 ' E	8. CORE LENGTH (cm) 52.5		
6. DATE (day, month, year) 19 March 1961	9. CORE PENETRATION (cm) 91.4		
10. LABORATORY NUMBER	7009	7010	7011	7012
11. SUB SAMPLE DEPTH IN CORE (cm)	0-4.5	15.5-20	35.5-40	49-52.5
12. COLOR (by the GSA rock color chart) F FIELD L LAB. DETERMINATION	F Grayish Olive 10Y4/2	F Grayish Olive 10Y4/2	F Grayish Olive 10Y4/2	F Grayish Olive 10Y4/2
13. ODOR (earthy, moldy, rank, H_2S, etc.)	F H_2S	F H_2S	F H_2S	F H_2S
14. SIZE ANALYSIS and STATISTICAL MEASURES				
a. % COARSER THAN SAND (< −1 φ)				
b. % SAND	1	1	1	2
c. % SILT	38	45	44	42
d. % CLAY	61	53	55	56
e. SEDIMENT TYPE	Silty Clay	Silty Clay	Silty Clay	Silty Clay
f. PHI MEDIAN DIAMETER (Md φ)				
g. PHI DEVIATION MEASURE (σ φ)				
h. PHI SKEWNESS MEASURE (α φ)				
15. CHEMICAL ANALYSIS				
a. $CaCO_3$ (%)	34	33	34	35
b. Organic Carbon (%)	1.08			

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SEDIMENT ANALYSIS SUMMARY SHEET

1. CRUISE NO. 00865	2. SAMPLE NO. BS-60 Station AS 2	3. SAMPLER TYPE Phleger		
4. LATITUDE 25° 14 ' N	7. WATER DEPTH (meters) 320			
5. LONGITUDE 058° 30 ' E	8. CORE LENGTH (cm) 54			
6. DATE (day, month, year) 20 March 1961	9. CORE PENETRATION (cm) 76.2			
10. LABORATORY NUMBER	7281	7282	7283	7284
11. SUB SAMPLE DEPTH IN CORE (cm)	0-5	10-15	20-25	30-35
12. COLOR (by the GSA rock color chart) F FIELD L LAB. DETERMINATION	Grayish Olive 10Y4/2	Grayish Olive 10Y4/2	Grayish Olive 10Y4/2	Grayish Olive 10Y4/2
13. ODOR (earthy, moldy, rank, H_2S, etc.)				
14. SIZE ANALYSIS and STATISTICAL MEASURES				
a. % COARSER THAN SAND (< −1 φ)				
b. % SAND	1	Trace	1	Trace
c. % SILT	53	51	52	52
d. % CLAY	47	49	48	47
e. SEDIMENT TYPE	Clayey Silt	Clayey Silt	Clayey Silt	Clayey Silt
f. PHI MEDIAN DIAMETER (Md φ)	8.74	8.94	8.80	8.90
g. PHI DEVIATION MEASURE (σ φ)				
h. PHI SKEWNESS MEASURE (α φ)				
15. CHEMICAL ANALYSIS				
a. $CaCO_3$ (%)	21	20	22	21
b. Organic Carbon (%)	2.35			

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SEDIMENT ANALYSIS SUMMARY SHEET

1. CRUISE NO.	2. SAMPLE NO. BS-60 (continued)	3. SAMPLER TYPE	
4. LATITUDE ° '	7. WATER DEPTH (meters)		
5. LONGITUDE ° '	8. CORE LENGTH (cm)		
6. DATE (day, month, year)	9. CORE PENETRATION (cm)		
10. LABORATORY NUMBER	7285	7286	
11. SUB SAMPLE DEPTH IN CORE (cm)	40-45	50-54	
12. COLOR (by the GSA rock color chart) F FIELD L LAB. DETERMINATION	Grayish Olive 10Y4/2	Grayish Olive 10Y4/2	
13. ODOR (earthy, moldy, rank, H_2S, etc.)			
14. SIZE ANALYSIS and STATISTICAL MEASURES			
a. % COARSER THAN SAND (< −1 φ)			
b. % SAND	Trace	1	
c. % SILT	54	51	
d. % CLAY	46	48	
e. SEDIMENT TYPE	Clayey Silt	Clayey Silt	
f. PHI MEDIAN DIAMETER (Md φ)	8.78	8.89	
g. PHI DEVIATION MEASURE (σ φ)			
h. PHI SKEWNESS MEASURE (α φ)			
15. CHEMICAL ANALYSIS			
a. $CaCO_3$ (%)	22	24	
b. Organic Carbon (%)			

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SEDIMENT ANALYSIS SUMMARY SHEET

1. CRUISE NO. 00865	2. SAMPLE NO. BS-61 Station AS 5	3. SAMPLER TYPE Phleger		
4. LATITUDE 24° 30' N	7. WATER DEPTH (meters) 2469			
5. LONGITUDE 059° 30' E	8. CORE LENGTH (cm) 58			
6. DATE (day, month, year) 20 March 1961	9. CORE PENETRATION (cm) 91.4			
10. LABORATORY NUMBER	7614	7615	7616	7617
11. SUB SAMPLE DEPTH IN CORE (cm)	0-5	10-15	20-25	30-35
12. COLOR (by the GSA rock color chart) F. FIELD L. LAB. DETERMINATION	Greenish Gray 5GY6/1	Greenish Gray 5GY6/1	Greenish Gray 5GY6/1	Greenish Gray 5GY6/1
13. ODOR (earthy, moldy, rank, H_2S, etc.)				
14. SIZE ANALYSIS and STATISTICAL MEASURES				
a. % COARSER THAN SAND (< −1 ϕ)				
b. % SAND	1	1	1	1
c. % SILT	57	58	53	52
d. % CLAY	41	41	46	47
e. SEDIMENT TYPE	Clayey Silt	Clayey Silt	Clayey Silt	Clayey Silt
f. PHI MEDIAN DIAMETER (Md ϕ)	8.53	8.01	8.75	8.80
g. PHI DEVIATION MEASURE (σ ϕ)				
h. PHI SKEWNESS MEASURE (α ϕ)				
15. CHEMICAL ANALYSIS				
a. $CaCO_3$ (%)	21	21	23	25
b. Organic Carbon (%)	1.57			

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SEDIMENT ANALYSIS SUMMARY SHEET

1. CRUISE NO.	2. SAMPLE NO. BS-61 (continued)	3. SAMPLER TYPE	
4. LATITUDE ° ' "	7. WATER DEPTH (meters)		
5. LONGITUDE ° ' "	8. CORE LENGTH (cm)		
6. DATE (day, month, year)	9. CORE PENETRATION (cm)		
10. LABORATORY NUMBER	7618	7619	
11. SUB SAMPLE DEPTH IN CORE (cm)	40-45	52-58	
12. COLOR (by the GSA rock color chart) F. FIELD L. LAB. DETERMINATION	Greenish Gray 5GY6/1	Greenish Gray 5GY6/1	
13. ODOR (earthy, moldy, rank, H_2S, etc.)			
14. SIZE ANALYSIS and STATISTICAL MEASURES			
a. % COARSER THAN SAND (< −1 ϕ)			
b. % SAND	1	1	
c. % SILT	52	52	
d. % CLAY	47	48	
e. SEDIMENT TYPE	Clayey Silt	Clayey Silt	
f. PHI MEDIAN DIAMETER (Md ϕ)	8.80	8.80	
g. PHI DEVIATION MEASURE (σ ϕ)			
h. PHI SKEWNESS MEASURE (α ϕ)			
15. CHEMICAL ANALYSIS			
a. $CaCO_3$ (%)	86	29	
b. Organic Carbon (%)			

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SEDIMENT ANALYSIS SUMMARY SHEET

1. CRUISE NO. 00865	2. SAMPLE NO. BS-62 Station AS 6	3. SAMPLER TYPE Phleger		
4. LATITUDE 24° 30' N	7. WATER DEPTH (meters) 2397			
5. LONGITUDE 060° 30' E	8. CORE LENGTH (cm) 52			
6. DATE (day, month, year) 20 March 1961	9. CORE PENETRATION (cm) 91.9			
10. LABORATORY NUMBER	7186	7186	7187	7188
11. SUB SAMPLE DEPTH IN CORE (cm)	0-5.5	10-15	20-25	29-33.5
12. COLOR (by the GSA rock color chart) F. FIELD L. LAB. DETERMINATION	F Dusky Yellowish Green 5GY5/2	F Dusky Yellowish Green 5GY5/2	F Dusky Yellowish Green 5GY5/2	L Grayish Olive 5Y4/2
13. ODOR (earthy, moldy, rank, H_2S, etc.)				
14. SIZE ANALYSIS and STATISTICAL MEASURES				
a. % COARSER THAN SAND (< −1 ϕ)				
b. % SAND	Trace	Trace	Trace	2
c. % SILT	55	55	52	66
d. % CLAY	45	44	48	31
e. SEDIMENT TYPE	Clayey Silt	Clayey Silt	Clayey Silt	Clayey Silt
f. PHI MEDIAN DIAMETER (Md ϕ)	8.70	8.73	8.50	7.28
g. PHI DEVIATION MEASURE (σ ϕ)				
h. PHI SKEWNESS MEASURE (α ϕ)				
15. CHEMICAL ANALYSIS				
a. $CaCO_3$ (%)	21	23	22	35
b. Organic Carbon (%)	1.46			

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SEDIMENT ANALYSIS SUMMARY SHEET

1. CRUISE NO.	2. SAMPLE NO. BS-62 (continued)	3. SAMPLER TYPE	
4. LATITUDE ° ' "	7. WATER DEPTH (meters)		
5. LONGITUDE ° ' "	8. CORE LENGTH (cm)		
6. DATE (day, month, year)	9. CORE PENETRATION (cm)		
10. LABORATORY NUMBER	7189	7190	7191
11. SUB SAMPLE DEPTH IN CORE (cm)	33.5-39	39-46	46-52
12. COLOR (by the GSA rock color chart) F. FIELD L. LAB. DETERMINATION	L Grayish Olive 5Y4/2	L Grayish Olive 5Y4/2	Dusky Yellow Green 5GY5/2
13. ODOR (earthy, moldy, rank, H_2S, etc.)			
14. SIZE ANALYSIS and STATISTICAL MEASURES			
a. % COARSER THAN SAND (< −1 ϕ)			
b. % SAND	11	28	3
c. % SILT	67	51	59
d. % CLAY	22	21	37
e. SEDIMENT TYPE	Clayey Silt	Silty Mud	Clayey Silt
f. PHI MEDIAN DIAMETER (Md ϕ)	5.75	5.34	8.12
g. PHI DEVIATION MEASURE (σ ϕ)			
h. PHI SKEWNESS MEASURE (α ϕ)			
15. CHEMICAL ANALYSIS			
a. $CaCO_3$ (%)	27	39	22
b. Organic Carbon (%)			

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SEDIMENT ANALYSIS SUMMARY SHEET

1. CRUISE NO. 00865	2. SAMPLE NO. BS-63 Station AS 7	3. SAMPLER TYPE Phleger	
4. LATITUDE 24° 30' N	7. WATER DEPTH (meters) 1829		
5. LONGITUDE 061° 30' E	8. CORE LENGTH (cm) 49.5		
6. DATE (day, month, year) 21 March 1961	9. CORE PENETRATION (cm) 41.4		
10. LABORATORY NUMBER	7466	7467	7468	7469
11. SUB SAMPLE DEPTH IN CORE (cm)	0-2	2-5	5-8	8-10
12. COLOR (by the GSA rock color chart) F FIELD L LAB. DETERMINATION	Light Olive Gray 5Y5/2	Grayish Olive 10Y4/2	Grayish Olive 10Y4/2	Grayish Olive 10Y4/2
13. ODOR (earthy, moldy, rank, H_2S, etc.)				
14. SIZE ANALYSIS and STATISTICAL MEASURES				
a. % COARSER THAN SAND (< −1 φ)				
b. % SAND	2	4	3	1
c. % SILT	69	74	83	82
d. % CLAY	30	22	14	18
e. SEDIMENT TYPE	Clayey Silt	Clayey Silt	Silt	Silt
f. PHI MEDIAN DIAMETER (Md φ)	7.30	5.92	5.54	5.80
g. PHI DEVIATION MEASURE (σ φ)			1.86	
h. PHI SKEWNESS MEASURE (α φ)			0.56	
15. CHEMICAL ANALYSIS				
a. $CaCO_3$ (%)	18	19	19	19
b. Organic Carbon (%)	0.96			

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SEDIMENT ANALYSIS SUMMARY SHEET

1. CRUISE NO.	2. SAMPLE NO. BS-63 (continued)	3. SAMPLER TYPE	
4. LATITUDE ° '	7. WATER DEPTH (meters)		
5. LONGITUDE ° '	8. CORE LENGTH (cm)		
6. DATE (day, month, year)	9. CORE PENETRATION (cm)		
10. LABORATORY NUMBER	7470	7471	7472	7473
11. SUB SAMPLE DEPTH IN CORE (cm)	10-13.5	13.5-18.5	18.5-24.2	24.2-28.3
12. COLOR (by the GSA rock color chart) F FIELD L LAB. DETERMINATION	Grayish Olive 10Y4/2	Grayish Olive 10Y4/2	Grayish Olive 10Y4/2	Dark Greenish Gray 5GY4/1
13. ODOR (earthy, moldy, rank, H_2S, etc.)				
14. SIZE ANALYSIS and STATISTICAL MEASURES				
a. % COARSER THAN SAND (< −1 φ)				
b. % SAND	2	2	2	5
c. % SILT	78	70	69	79
d. % CLAY	20	28	30	16
e. SEDIMENT TYPE	Clayey Silt	Clayey Silt	Clayey Silt	Clayey Silt
f. PHI MEDIAN DIAMETER (Md φ)	5.88	7.13	7.32	5.60
g. PHI DEVIATION MEASURE (σ φ)				
h. PHI SKEWNESS MEASURE (α φ)				
15. CHEMICAL ANALYSIS				
a. $CaCO_3$ (%)	19	19	20	20
b. Organic Carbon (%)				

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SEDIMENT ANALYSIS SUMMARY SHEET

1. CRUISE NO.	2. SAMPLE NO. BS-63 (continued)	3. SAMPLER TYPE	
4. LATITUDE ° '	7. WATER DEPTH (meters)		
5. LONGITUDE ° '	8. CORE LENGTH (cm)		
6. DATE (day, month, year)	9. CORE PENETRATION (cm)		
10. LABORATORY NUMBER	7474	7475	7476	7477
11. SUB SAMPLE DEPTH IN CORE (cm)	28.3-31.5	31.5-35.5	35.5-40	40-44.5
12. COLOR (by the GSA rock color chart) F FIELD L LAB. DETERMINATION	Grayish Olive 10Y4/2	Grayish Olive 10Y4/2	Dark Greenish Gray 5GY4/1	Grayish Olive 10Y4/2 & Pale Olive 10Y6/2
13. ODOR (earthy, moldy, rank, H_2S, etc.)				
14. SIZE ANALYSIS and STATISTICAL MEASURES				
a. % COARSER THAN SAND (< −1 φ)				
b. % SAND	1	1	5	1
c. % SILT	76	76	80	73
d. % CLAY	22	22	15	27
e. SEDIMENT TYPE	Clayey Silt	Clayey Silt	Silt	Clayey Silt
f. PHI MEDIAN DIAMETER (Md φ)	6.17	6.65	5.59	7.01
g. PHI DEVIATION MEASURE (σ φ)				
h. PHI SKEWNESS MEASURE (α φ)				
15. CHEMICAL ANALYSIS				
a. $CaCO_3$ (%)	19	20	20	19
b. Organic Carbon (%)				

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SEDIMENT ANALYSIS SUMMARY SHEET

1. CRUISE NO.	2. SAMPLE NO. BS-63 (continued)	3. SAMPLER TYPE	
4. LATITUDE ° '	7. WATER DEPTH (meters)		
5. LONGITUDE ° '	8. CORE LENGTH (cm)		
6. DATE (day, month, year)	9. CORE PENETRATION (cm)		
10. LABORATORY NUMBER	7478			
11. SUB SAMPLE DEPTH IN CORE (cm)	44.5-49.5			
12. COLOR (by the GSA rock color chart) F FIELD L LAB. DETERMINATION	Grayish Olive 10Y4/2 & Pale Olive 10Y6/2			
13. ODOR (earthy, moldy, rank, H_2S, etc.)				
14. SIZE ANALYSIS and STATISTICAL MEASURES				
a. % COARSER THAN SAND (< −1 φ)				
b. % SAND	1			
c. % SILT	73			
d. % CLAY	26			
e. SEDIMENT TYPE	Clayey Silt			
f. PHI MEDIAN DIAMETER (Md φ)	6.84			
g. PHI DEVIATION MEASURE (σ φ)				
h. PHI SKEWNESS MEASURE (α φ)				
15. CHEMICAL ANALYSIS				
a. $CaCO_3$ (%)	19			
b. Organic Carbon (%)				

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SEDIMENT ANALYSIS SUMMARY SHEET

1. CRUISE NO. 00865	2. SAMPLE NO. BS-64 Station AS21	3. SAMPLER TYPE Phleger	
4. LATITUDE 23° 30' N	7. WATER DEPTH (meters) 3310.5		
5. LONGITUDE 061° 30' E	8. CORE LENGTH (cm) 79.5		
6. DATE (day, month, year) 21 March 1961	9. CORE PENETRATION (cm) 91.4		
10. LABORATORY NUMBER	7287	7288	7289	7290
11. SUB SAMPLE DEPTH IN CORE (cm)	0-5	10-15	20-25	30-35
12. COLOR (by the GSA rock color chart) F FIELD L LAB. DETERMINATION	Greenish Gray* 5GY6/1	Greenish Gray 5GY6/1	Greenish Gray 5GY6/1	Greenish Gray 5GY6/1
13. ODOR (earthy, moldy, rank, H_2S, etc.)				
14. SIZE ANALYSIS and STATISTICAL MEASURES				
a. % COARSER THAN SAND (< −1 ϕ)				
b. % SAND	Trace	Trace	Trace	Trace
c. % SILT	55	56	57	61
d. % CLAY	45	43	43	39
e. SEDIMENT TYPE	Clayey Silt	Clayey Silt	Clayey Silt	Clayey Silt
f. PHI MEDIAN DIAMETER (Md ϕ)	8.15	8.75	8.68	8.46
g. PHI DEVIATION MEASURE (σ ϕ)				
h. PHI SKEWNESS MEASURE (α ϕ)				
15. CHEMICAL ANALYSIS				
a. $CaCO_3$ (%)	19	19	19	19
b. Organic Carbon (%)	1.05			

* With Dark Yellowish Brown (10YR4/2) streaks

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SEDIMENT ANALYSIS SUMMARY SHEET

1. CRUISE NO.	2. SAMPLE NO. BS-64 (continued)	3. SAMPLER TYPE	
4. LATITUDE ° '	7. WATER DEPTH (meters)		
5. LONGITUDE ° '	8. CORE LENGTH (cm)		
6. DATE (day, month, year)	9. CORE PENETRATION (cm)		
10. LABORATORY NUMBER	7291	7292	7293	7294
11. SUB SAMPLE DEPTH IN CORE (cm)	40-45	50-55	60-65	75-79
12. COLOR (by the GSA rock color chart) F FIELD L LAB. DETERMINATION	Light Olive Gray 5Y6/1	Light Olive Gray 5Y6/1	Light Olive Gray 5Y6/1	Light Olive Gray 5Y6/1
13. ODOR (earthy, moldy, rank, H_2S, etc.)				
14. SIZE ANALYSIS and STATISTICAL MEASURES				
a. % COARSER THAN SAND (< −1 ϕ)				
b. % SAND	Trace	Trace	Trace	Trace
c. % SILT	63	62	62	63
d. % CLAY	37	38	38	37
e. SEDIMENT TYPE	Clayey Silt	Clayey Silt	Clayey Silt	Clayey Silt
f. PHI MEDIAN DIAMETER (Md ϕ)	8.23	8.33	8.34	8.23
g. PHI DEVIATION MEASURE (σ ϕ)				
h. PHI SKEWNESS MEASURE (α ϕ)				
15. CHEMICAL ANALYSIS				
a. $CaCO_3$ (%)	19	19	20	20
b. Organic Carbon (%)				

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SEDIMENT ANALYSIS SUMMARY SHEET

1. CRUISE NO. 00865	2. SAMPLE NO. BS-65 Station AS25	3. SAMPLER TYPE Phleger		
4. LATITUDE 22° 30' N	7. WATER DEPTH (meters) 3292			
5. LONGITUDE 061° 30' E	8. CORE LENGTH (cm) 646			
6. DATE (day, month, year) 21 March 1961	9. CORE PENETRATION (cm) 91.4			
10. LABORATORY NUMBER	7643	7644	7645	7646
11. SUB SAMPLE DEPTH IN CORE (cm)	0-5	8-12.2	12.2-16	16-21
12. COLOR (by the GSA rock color chart) F FIELD L LAB. DETERMINATION	Light Olive Gray 5Y5/2	Light Olive Gray 5Y5/2	Moderate Olive Brown 5Y4/4, Dark Yellowish Brown 10YR4/2	Light Olive Gray 5Y5/2
13. ODOR (earthy, moldy, rank, H_2S, etc.)				
14. SIZE ANALYSIS and STATISTICAL MEASURES				
a. % COARSER THAN SAND (< −1 ϕ)				
b. % SAND	Trace	Trace	1	Trace
c. % SILT	56	64	49	51
d. % CLAY	44	36	50	49
e. SEDIMENT TYPE	Clayey Silt	Clayey Silt	Silty Clay	Clayey Silt
f. PHI MEDIAN DIAMETER (Md ϕ)	8.75	8.25	9.00	8.94
g. PHI DEVIATION MEASURE (σ ϕ)				
h. PHI SKEWNESS MEASURE (α ϕ)				
15. CHEMICAL ANALYSIS				
a. $CaCO_3$ (%)	18	19	19	18
b. Organic Carbon (%)	0.78			

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SEDIMENT ANALYSIS SUMMARY SHEET

1. CRUISE NO.	2. SAMPLE NO. BS-65 (continued)	3. SAMPLER TYPE	
4. LATITUDE ° '	7. WATER DEPTH (meters)		
5. LONGITUDE ° '	8. CORE LENGTH (cm)		
6. DATE (day, month, year)	9. CORE PENETRATION (cm)		
10. LABORATORY NUMBER	7647	7648	7649	7650
11. SUB SAMPLE DEPTH IN CORE (cm)	21-26.3	26.3-31.6	31.6-39	39-44
12. COLOR (by the GSA rock color chart) F FIELD L LAB. DETERMINATION	Light Olive Gray 5Y5/2	Grayish Olive 10Y4/2	Light Olive Gray 5Y5/2	Grayish Olive 10Y4/2
13. ODOR (earthy, moldy, rank, H_2S, etc.)				
14. SIZE ANALYSIS and STATISTICAL MEASURES				
a. % COARSER THAN SAND (< −1 ϕ)				
b. % SAND	Trace	1	Trace	1
c. % SILT	52	44	48	45
d. % CLAY	47	54	51	54
e. SEDIMENT TYPE	Clayey Silt	Silty Clay	Silty Clay	Silty Clay
f. PHI MEDIAN DIAMETER (Md ϕ)	8.90			
g. PHI DEVIATION MEASURE (σ ϕ)				
h. PHI SKEWNESS MEASURE (α ϕ)				
15. CHEMICAL ANALYSIS				
a. $CaCO_3$ (%)	18	21	21	23
b. Organic Carbon (%)				

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SEDIMENT ANALYSIS SUMMARY SHEET

1. CRUISE NO. 00865	2. SAMPLE NO. BS-65 (continued)	3. SAMPLER TYPE Phleger	
4. LATITUDE 22° 30' N	7. WATER DEPTH (meters) 3292		
5. LONGITUDE 061° 30' E	8. CORE LENGTH (cm) 674.6		
6. DATE (day, month, year) 21 March 1961	9. CORE PENETRATION (cm) 91.4		
10. LABORATORY NUMBER	7651	7652	
11. SUB SAMPLE DEPTH IN CORE (cm)	50-55	59-64.6	
12. COLOR (by the GSA rock color chart) F FIELD L LAB. DETERMINATION	Light Olive Gray 5Y5/2	Light Olive Gray 5Y5/2	
13. ODOR (earthy, moldy, rank, H_2S, etc.)			
14. SIZE ANALYSIS and STATISTICAL MEASURES			
a. % COARSER THAN SAND (<−1 φ)			
b. % SAND	Trace	1	
c. % SILT	48	48	
d. % CLAY	52	52	
e. SEDIMENT TYPE	Silty Clay	Silty Clay	
f. PHI MEDIAN DIAMETER (Md φ)			
g. PHI DEVIATION MEASURE (σ φ)			
h. PHI SKEWNESS MEASURE (α φ)			
15. CHEMICAL ANALYSIS			
a. $CaCO_3$ (%)	20	20	
b. Organic Carbon			

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SEDIMENT ANALYSIS SUMMARY SHEET

1. CRUISE NO. 00865	2. SAMPLE NO. BS-66 Station AS41	3. SAMPLER TYPE Phleger		
4. LATITUDE 21° 30' N	7. WATER DEPTH (meters) 1738			
5. LONGITUDE 061° 30' E	8. CORE LENGTH (cm) 55.0			
6. DATE (day, month, year) 21 March 1961	9. CORE PENETRATION (cm) 91.4			
10. LABORATORY NUMBER	7178	7179	7180	7181
11. SUB SAMPLE DEPTH IN CORE (cm)	0-5	10-15	15-20	20-25
12. COLOR (by the GSA rock color chart) F FIELD L LAB. DETERMINATION	Yellowish Gray 5Y7/2 L	Yellowish Gray 5Y7/2 L	Yellowish Gray 5Y7/2 L	Light Olive Gray 5Y6/1 L
13. ODOR (earthy, moldy, rank, H_2S, etc.)				
14. SIZE ANALYSIS and STATISTICAL MEASURES				
a. % COARSER THAN SAND (<−1 φ)				
b. % SAND	7	4	9	7
c. % SILT	57	60	57	57
d. % CLAY	35	36	35	36
e. SEDIMENT TYPE	Clayey Silt	Clayey Silt	Clayey Silt	Clayey Silt
f. PHI MEDIAN DIAMETER (Md φ)	7.60	7.73	7.49	7.58
g. PHI DEVIATION MEASURE (σ φ)				
h. PHI SKEWNESS MEASURE (α φ)				
15. CHEMICAL ANALYSIS				
a. $CaCO_3$ (%)	55	57	59	60
b. Organic Carbon (%)	1.50			

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SEDIMENT ANALYSIS SUMMARY SHEET

1. CRUISE NO.	2. SAMPLE NO. BS-66 (continued)	3. SAMPLER TYPE	
4. LATITUDE ° ' "	7. WATER DEPTH (meters)		
5. LONGITUDE ° ' "	8. CORE LENGTH (cm)		
6. DATE (day, month, year)	9. CORE PENETRATION (cm)		
10. LABORATORY NUMBER	7182	7183	7184
11. SUB SAMPLE DEPTH IN CORE (cm)	30-34.5	40-44	50-55
12. COLOR (by the GSA rock color chart) F FIELD L LAB. DETERMINATION	Light Olive Gray 5Y6/1 L	Light Olive Gray 5Y6/1 L	Light Olive Gray 5Y6/1 L
13. ODOR (earthy, moldy, rank, H_2S, etc.)			
14. SIZE ANALYSIS and STATISTICAL MEASURES			
a. % COARSER THAN SAND (<−1 φ)			
b. % SAND	13	10	17
c. % SILT	55	59	53
d. % CLAY	32	32	30
e. SEDIMENT TYPE	Clayey Silt	Clayey Silt	Clayey Silt
f. PHI MEDIAN DIAMETER (Md φ)	6.10	7.05	6.66
g. PHI DEVIATION MEASURE (σ φ)			
h. PHI SKEWNESS MEASURE (α φ)			
15. CHEMICAL ANALYSIS			
a. $CaCO_3$ (%)	59	58	61
b. Organic Carbon (%)			

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SEDIMENT ANALYSIS SUMMARY SHEET

1. CRUISE NO. 00865	2. SAMPLE NO. BS-67 Station AS40	3. SAMPLER TYPE Phleger		
4. LATITUDE 51 24.4 N	7. WATER DEPTH (meters) 3475			
5. LONGITUDE 062 ° 27.8' E	8. CORE LENGTH (cm) 81			
6. DATE (day, month, year) 2 Mar 1961	9. CORE PENETRATION (cm) 91.4			
10. LABORATORY NUMBER	7445	7446	7447	7448
11. SUB SAMPLE DEPTH IN CORE (cm)	0-5	9½-14	14-17½	17½-21½
12. COLOR (by the GSA rock color chart) F FIELD L LAB. DETERMINATION	Light Olive Gray * 5Y5/2	Light Olive Gray 5Y5/2	Light Olive Gray 5Y6/1	Light Olive Gray 5Y6/1
13. ODOR (earthy, moldy, rank, H_2S, etc.)				
14. SIZE ANALYSIS and STATISTICAL MEASURES				
a. % COARSER THAN SAND (<−1 ϕ)				
b. % SAND	3	3	5	3
c. % SILT	58	53	51	53
d. % CLAY	39	44	44	44
e. SEDIMENT TYPE	Clayey Silt	Clayey Silt	Clayey Silt	Clayey Silt
f. PHI MEDIAN DIAMETER (Md ϕ)	8.25	8.32	8.51	8.25
g. PHI DEVIATION MEASURE (σ ϕ)				
h. PHI SKEWNESS MEASURE (α ϕ)				
15. CHEMICAL ANALYSIS				
a. $CaCO_3$ (%)	42	47	53	54
b. Organic Carbon (%)	C.90			

* With Dark Yellowish Brown (10YR4/2) streaks

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SEDIMENT ANALYSIS SUMMARY SHEET

1. CRUISE NO.	2. SAMPLE NO. BS-67 (continued)	3. SAMPLER TYPE		
4. LATITUDE	7. WATER DEPTH (meters)			
5. LONGITUDE	8. CORE LENGTH (cm)			
6. DATE (day, month, year)	9. CORE PENETRATION (cm)			
10. LABORATORY NUMBER	7449	7450	7451	7452
11. SUB SAMPLE DEPTH IN CORE (cm)	21½-26	32-37	41-46.2	46.2-51
12. COLOR (by the GSA rock color chart) F FIELD L LAB. DETERMINATION	Light Olive Gray 5Y6/1	Light Olive Gray 5Y6/1	Light Olive Gray 5Y6/1	Light Olive Gray 5Y6/1
13. ODOR (earthy, moldy, rank, H_2S, etc.)				
14. SIZE ANALYSIS and STATISTICAL MEASURES				
a. % COARSER THAN SAND (<−1 ϕ)				
b. % SAND	4	7	4	4
c. % SILT	53	57	60	64
d. % CLAY	43	37	36	33
e. SEDIMENT TYPE	Clayey Silt	Clayey Silt	Clayey Silt	Clayey Silt
f. PHI MEDIAN DIAMETER (Md ϕ)	8.46	7.47	7.85	7.62
g. PHI DEVIATION MEASURE (σ ϕ)				
h. PHI SKEWNESS MEASURE (α ϕ)				
15. CHEMICAL ANALYSIS				
a. $CaCO_3$ (%)	54	52	53	48
b. Organic Carbon (%)				

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SEDIMENT ANALYSIS SUMMARY SHEET

1. CRUISE NO.	2. SAMPLE NO. BS-67 (continued)	3. SAMPLER TYPE		
4. LATITUDE	7. WATER DEPTH (meters)			
5. LONGITUDE	8. CORE LENGTH (cm)			
6. DATE (day, month, year)	9. CORE PENETRATION (cm)			
10. LABORATORY NUMBER	7453	7454	7455	7456
11. SUB SAMPLE DEPTH IN CORE (cm)	60-64	66-70.5	70.5-75.4	75.4-81
12. COLOR (by the GSA rock color chart) F FIELD L LAB. DETERMINATION	Light Olive Gray 5Y5/2	Light Olive Gray 5Y6/2	Light Olive Gray 5Y5/2	Moderate Olive Brown 5Y4/4
13. ODOR (earthy, moldy, rank, H_2S, etc.)				
14. SIZE ANALYSIS and STATISTICAL MEASURES				
a. % COARSER THAN SAND (<−1 ϕ)				
b. % SAND	2	2	2	1
c. % SILT	67	65	65	66
d. % CLAY	31	33	34	33
e. SEDIMENT TYPE	Clayey Silt	Clayey Silt	Clayey Silt	Clayey Silt
f. PHI MEDIAN DIAMETER (Md ϕ)	7.50	7.62	7.70	7.82
g. PHI DEVIATION MEASURE (σ ϕ)				
h. PHI SKEWNESS MEASURE (α ϕ)				
15. CHEMICAL ANALYSIS				
a. $CaCO_3$ (%)	44	45	45	42
b. Organic Carbon (%)				

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SEDIMENT ANALYSIS SUMMARY SHEET

1. CRUISE NO. 00865	2. SAMPLE NO. BS-68 Station AS 26	3. SAMPLER TYPE Phleger		
4. LATITUDE 22° 29' N	7. WATER DEPTH (meters) 3091			
5. LONGITUDE 062° 33.2' E	8. CORE LENGTH (cm) 73.6			
6. DATE (day, month, year) 22 March 1961	9. CORE PENETRATION (cm) 91.4			
10. LABORATORY NUMBER	7635	7636	7637	7638
11. SUB SAMPLE DEPTH IN CORE (cm)	0-5	10-15	20-25	31-35
12. COLOR (by the GSA rock color chart) F FIELD L LAB. DETERMINATION	Light Olive Gray 5Y5/2 Dark Yellowish (Brown) (10YR 4/2)	Light Olive Gray 5Y5/2	Light Olive Gray 5Y5/2	Light Olive Gray 5Y5/2
13. ODOR (earthy, moldy, rank, H_2S, etc.)				
14. SIZE ANALYSIS and STATISTICAL MEASURES				
a. % COARSER THAN SAND (<−1 ϕ)				
b. % SAND	2	1	3	3
c. % SILT	55	56	55	52
d. % CLAY	42	43	42	45
e. SEDIMENT TYPE	Clayey Silt	Clayey Silt	Clayey Silt	Clayey Silt
f. PHI MEDIAN DIAMETER (Md ϕ)	8.45	8.45	8.36	8.59
g. PHI DEVIATION MEASURE (σ ϕ)				
h. PHI SKEWNESS MEASURE (α ϕ)				
15. CHEMICAL ANALYSIS				
a. $CaCO_3$ (%)	30	33	37	44
b. Organic Carbon (%)	1.44			

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SEDIMENT ANALYSIS SUMMARY SHEET

1. CRUISE NO.	2. SAMPLE NO. BS-68 (continued)	3. SAMPLER TYPE		
4. LATITUDE	7. WATER DEPTH (meters)			
5. LONGITUDE	8. CORE LENGTH (cm)			
6. DATE (day, month, year)	9. CORE PENETRATION (cm)			
10. LABORATORY NUMBER	7639	7640	7641	7642
11. SUB SAMPLE DEPTH IN CORE (cm)	40-45	50-55	64-69	69-73.6
12. COLOR (by the GSA rock color chart) F FIELD L LAB. DETERMINATION	Light Olive Gray 5Y5/2	Light Olive Gray 5Y5/2	Light Olive Gray 5Y5/2	Light Olive Gray 5Y5/2
13. ODOR (earthy, moldy, rank, H_2S, etc.)				
14. SIZE ANALYSIS and STATISTICAL MEASURES				
a. % COARSER THAN SAND (<−1 ϕ)				
b. % SAND	5	3	5	5
c. % SILT	51	54	59	62
d. % CLAY	44	42	36	33
e. SEDIMENT TYPE	Clayey Silt	Clayey Silt	Clayey Silt	Clayey Silt
f. PHI MEDIAN DIAMETER (Md ϕ)	8.55	8.39	7.76	7.44
g. PHI DEVIATION MEASURE (σ ϕ)				
h. PHI SKEWNESS MEASURE (α ϕ)				
15. CHEMICAL ANALYSIS				
a. $CaCO_3$ (%)	45	45	45	47
b. Organic Carbon (%)				

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SEDIMENT ANALYSIS SUMMARY SHEET

1. CRUISE NO. 00865	2. SAMPLE NO. BS-69 Station AS 20	3. SAMPLER TYPE Phleger		
4. LATITUDE 23° 30' N	7. WATER DEPTH (meters) 3054			
5. LONGITUDE 62° 30' E	8. CORE LENGTH (cm) 73			
6. DATE (day, month, year) 22 March 1961	9. CORE PENETRATION (cm) 91.4			
10. LABORATORY NUMBER	7274	7275	7276	7277
11. SUB SAMPLE DEPTH IN CORE (cm)	0-5	10-15	20-25	30-35
12. COLOR (by the GSA rock color chart) F FIELD L LAB. DETERMINATION	Greenish Gray 5GY6/1	Greenish Gray 5GY6/1	Greenish Gray 5GY6/1	Greenish Gray 5GY6/1
13. ODOR (earthy, moldy, rank, H_2S, etc.)				
14. SIZE ANALYSIS and STATISTICAL MEASURES				
a. % COARSER THAN SAND (<−1 ϕ)				
b. % SAND	1	1	1	1
c. % SILT	54	56	55	52
d. % CLAY	45	44	44	47
e. SEDIMENT TYPE	Clayey Silt	Clayey Silt	Clayey Silt	Clayey Silt
f. PHI MEDIAN DIAMETER (Md ϕ)	8.64	8.47	8.57	8.77
g. PHI DEVIATION MEASURE (σ ϕ)				
h. PHI SKEWNESS MEASURE (α ϕ)				
15. CHEMICAL ANALYSIS				
a. $CaCO_3$ (%)	25	26	30	32
b. Organic Carbon (%)	1.44			

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SEDIMENT ANALYSIS SUMMARY SHEET

1. CRUISE NO.	2. SAMPLE NO. BS-69 (continued)	3. SAMPLER TYPE	
4. LATITUDE	7. WATER DEPTH (meters)		
5. LONGITUDE	8. CORE LENGTH (cm)		
6. DATE (day, month, year)	9. CORE PENETRATION (cm)		
10. LABORATORY NUMBER	7278	7279	7280
11. SUB SAMPLE DEPTH IN CORE (cm)	46-45	50-55	68-73
12. COLOR (by the GSA rock color chart) F FIELD L LAB. DETERMINATION	Greenish Gray 5GY6/1	Greenish Gray 5G6/1	Greenish Gray 5G6/1
13. ODOR (earthy, moldy, rank, H_2S, etc.)			
14. SIZE ANALYSIS and STATISTICAL MEASURES			
a. % COARSER THAN SAND (<−1 ϕ)			
b. % SAND	2	1	3
c. % SILT	50	52	58
d. % CLAY	48	47	39
e. SEDIMENT TYPE	Clayey Silt	Clayey Silt	Clayey Silt
f. PHI MEDIAN DIAMETER (Md ϕ)	8.87	8.75	8.22
g. PHI DEVIATION MEASURE (σ ϕ)			
h. PHI SKEWNESS MEASURE (α ϕ)			
15. CHEMICAL ANALYSIS			
a. $CaCO_3$ (%)	35	37	36
b. Organic Carbon (%)			

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SEDIMENT ANALYSIS SUMMARY SHEET

1. CRUISE NO. 00865	2. SAMPLE NO. BS-70 Station AS 8		3. SAMPLER TYPE Phleger	
4. LATITUDE 24 ° 28.5 ' N	7. WATER DEPTH (meters) 2231.3			
5. LONGITUDE 62 ° 25.8 ' E	8. CORE LENGTH (cm) 55.8			
6. DATE (day, month, year) 23 March 1961	9. CORE PENETRATION (cm) 91.4			
10. LABORATORY NUMBER	7295	7296	7297	7298
11. SUB SAMPLE DEPTH IN CORE (cm)	0-5	10-15	20-25	30-35
12. COLOR (by the GSA rock color chart) F FIELD L LAB. DETERMINATION	Dusky Yellow Green 5GY5/2	Dusky Yellow Green 5GY5/2	Dusky Yellow Green 5GY5/2	Dusky Yellow Green 5GY5/2
13. ODOR (earthy, moldy, rank, H_2S, etc.)				
14. SIZE ANALYSIS and STATISTICAL MEASURES				
a. % COARSER THAN SAND (<−1 ϕ)				
b. % SAND	Trace	Trace	Trace	1
c. % SILT	63	60	61	59
d. % CLAY	36	39	39	40
e. SEDIMENT TYPE	Clayey Silt	Clayey Silt	Clayey Silt	Clayey Silt
f. PHI MEDIAN DIAMETER (Md ϕ)	8.16	8.38	8.24	8.35
g. PHI DEVIATION MEASURE (σ ϕ)				
h. PHI SKEWNESS MEASURE (α ϕ)				
15. CHEMICAL ANALYSIS				
a. $CaCO_3$ (%)	20	20	20	21
b. Organic Carbon (%)	0.98			

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SEDIMENT ANALYSIS SUMMARY SHEET

1. CRUISE NO.	2. SAMPLE NO. BS-70 (continued)		3. SAMPLER TYPE
4. LATITUDE		7. WATER DEPTH (meters)	
5. LONGITUDE		8. CORE LENGTH (cm)	
6. DATE (day, month, year)		9. CORE PENETRATION (cm)	
10. LABORATORY NUMBER	7299	7431	
11. SUB SAMPLE DEPTH IN CORE (cm)	40-45	50-55.8	
12. COLOR (by the GSA rock color chart) F FIELD L LAB. DETERMINATION	Dusky Yellow Green 5GY5/2	Dusky Yellow Green 5GY5/2	
13. ODOR (earthy, moldy, rank, H_2S, etc.)			
14. SIZE ANALYSIS and STATISTICAL MEASURES			
a. % COARSER THAN SAND (<−1 ϕ)			
b. % SAND	1	Trace	
c. % SILT	63	60	
d. % CLAY	36	40	
e. SEDIMENT TYPE	Clayey Silt	Clayey Silt	
f. PHI MEDIAN DIAMETER (Md ϕ)	8.13	8.37	
g. PHI DEVIATION MEASURE (σ ϕ)			
h. PHI SKEWNESS MEASURE (α ϕ)			
15. CHEMICAL ANALYSIS			
a. $CaCO_3$ (%)	22	21	
b. Organic Carbon (%)			

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SEDIMENT ANALYSIS SUMMARY SHEET

1. CRUISE NO. 00865	2. SAMPLE NO. BS-71 Station AS 9		3. SAMPLER TYPE Phleger	
4. LATITUDE 24 ° 30.1 ' N	7. WATER DEPTH (meters) 2560			
5. LONGITUDE 63 ° 30 ' E	8. CORE LENGTH (cm) 51.5			
6. DATE (day, month, year) 23 March 1961	9. CORE PENETRATION (cm) 91.4			
10. LABORATORY NUMBER	7241	7242	7243	7244
11. SUB SAMPLE DEPTH IN CORE (cm)	0-5	10-15	20-25	33-37
12. COLOR (by the GSA rock color chart) F FIELD L LAB. DETERMINATION	Grayish Olive 10Y4/2	Grayish Olive 10Y4/2	Grayish Olive 10Y4/2	Grayish Olive 10Y4/2
13. ODOR (earthy, moldy, rank, H_2S, etc.)				
14. SIZE ANALYSIS and STATISTICAL MEASURES				
a. % COARSER THAN SAND (<−1 ϕ)				
b. % SAND	Trace	Trace	Trace	Trace
c. % SILT	63	59	56	57
d. % CLAY	37	40	43	43
e. SEDIMENT TYPE	Clayey Silt	Clayey Silt	Clayey Silt	Clayey Silt
f. PHI MEDIAN DIAMETER (Md ϕ)	8.16	8.49	8.66	8.55
g. PHI DEVIATION MEASURE (σ ϕ)				
h. PHI SKEWNESS MEASURE (α ϕ)				
15. CHEMICAL ANALYSIS				
a. $CaCO_3$ (%)	17	17	17	19
b. Organic Carbon (%)	0.96			

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SEDIMENT ANALYSIS SUMMARY SHEET

1. CRUISE NO.	2. SAMPLE NO. BS-71 (continued)		3. SAMPLER TYPE
4. LATITUDE		7. WATER DEPTH (meters)	
5. LONGITUDE		8. CORE LENGTH (cm)	
6. DATE (day, month, year)		9. CORE PENETRATION (cm)	
10. LABORATORY NUMBER	7245	7246	
11. SUB SAMPLE DEPTH IN CORE (cm)	37-41	47-51.5	
12. COLOR (by the GSA rock color chart) F FIELD L LAB. DETERMINATION	Dark Greenish Gray 5GY4/1	Dark Greenish Gray 5GY4/1	
13. ODOR (earthy, moldy, rank, H_2S, etc.)			
14. SIZE ANALYSIS and STATISTICAL MEASURES			
a. % COARSER THAN SAND (<−1 ϕ)			
b. % SAND	1	Trace	
c. % SILT	57	56	
d. % CLAY	43	43	
e. SEDIMENT TYPE	Clayey Silt	Clayey Silt	
f. PHI MEDIAN DIAMETER (Md ϕ)	8.53	8.62	
g. PHI DEVIATION MEASURE (σ ϕ)			
h. PHI SKEWNESS MEASURE (α ϕ)			
15. CHEMICAL ANALYSIS			
a. $CaCO_3$ (%)	19	19	
b. Organic Carbon (%)			

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SEDIMENT ANALYSIS SUMMARY SHEET

1. CRUISE NO. 00865	2. SAMPLE NO. BS-72 Station AS 19	3. SAMPLER TYPE Phleger		
4. LATITUDE 23 ° 27 ' N	7. WATER DEPTH (meters) 2304.5			
5. LONGITUDE 63 ° 35.1 ' E	8. CORE LENGTH (cm) 65.5			
6. DATE (day, month, year) 23 March 1961	9. CORE PENETRATION (cm) 91.4			
10. LABORATORY NUMBER	7111	7112	7113	7114
11. SUB SAMPLE DEPTH IN CORE (cm)	0-5	20-24	40-44.5	60-65.5
12. COLOR (by the GSA rock color chart) F FIELD L LAB. DETERMINATION	F Greenish Gray 5GY6/1, Dark Yellowish Brown 10YR4/2 L	F Greenish Gray 5GY6/1 L	F Greenish Gray 5GY6/1 L	F Greenish Gray 5GY6/1 L
13. ODOR (earthy, moldy, rank, H_2S, etc.)				
14. SIZE ANALYSIS and STATISTICAL MEASURES				
a. % COARSER THAN SAND (<−1 ϕ)				
b. % SAND	1	3	5	4
c. % SILT	54	55	51	57
d. % CLAY	45	43	45	38
e. SEDIMENT TYPE	Clayey Silt	Clayey Silt	Clayey Silt	Clayey Silt
f. PHI MEDIAN DIAMETER (Md ϕ)	8.65	8.30	8.50	7.96
g. PHI DEVIATION MEASURE (σ ϕ)				
h. PHI SKEWNESS MEASURE (α ϕ)				
15. CHEMICAL ANALYSIS				
a. $CaCO_3$ (%)	25	31	40	38
b. Organic Carbon (%)				

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SEDIMENT ANALYSIS SUMMARY SHEET

1. CRUISE NO. 00865	2. SAMPLE NO. BS-73 Station AS 27	3. SAMPLER TYPE Phleger		
4. LATITUDE 22 ° 30.1 ' N	7. WATER DEPTH (meters) 2379			
5. LONGITUDE 63 ° 30.1 ' E	8. CORE LENGTH (cm) 66.8			
6. DATE (day, month, year) 23 March 1961	9. CORE PENETRATION (cm) 91.4			
10. LABORATORY NUMBER	7217	7218	7219	7220
11. SUB SAMPLE DEPTH IN CORE (cm)	0-5	10-14	18-23	23-28
12. COLOR (by the GSA rock color chart) F FIELD L LAB. DETERMINATION	F Dark Yellowish Brown 10YR4/2, Lt. Olive Gray L 5Y5/2	F Light Olive Gray 5Y6/2 L	F Light Olive Gray 5Y5/2 L	F Greenish Gray 5GY6/1 L
13. ODOR (earthy, moldy, rank, H_2S, etc.)				
14. SIZE ANALYSIS and STATISTICAL MEASURES				
a. % COARSER THAN SAND (<−1 ϕ)				
b. % SAND	Trace	2	2	3
c. % SILT	58	54	54	54
d. % CLAY	41	44	44	44
e. SEDIMENT TYPE	Clayey Silt	Clayey Silt	Clayey Silt	Clayey Silt
f. PHI MEDIAN DIAMETER (Md ϕ)	8.40	8.56	8.56	8.48
g. PHI DEVIATION MEASURE (σ ϕ)				
h. PHI SKEWNESS MEASURE (α ϕ)				
15. CHEMICAL ANALYSIS				
a. $CaCO_3$ (%)	37	41	42	45
b. Organic Carbon (%)	1.09			

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SEDIMENT ANALYSIS SUMMARY SHEET

1. CRUISE NO.	2. SAMPLE NO. BS-73 (continued)	3. SAMPLER TYPE		
4. LATITUDE ° '	7. WATER DEPTH (meters)			
5. LONGITUDE ° '	8. CORE LENGTH (cm)			
6. DATE (day, month, year)	9. CORE PENETRATION (cm)			
10. LABORATORY NUMBER	7221	7222	7223	7224
11. SUB SAMPLE DEPTH IN CORE (cm)	32-36.5	40-44	50-54	62-66.8
12. COLOR (by the GSA rock color chart) F FIELD L LAB. DETERMINATION	F Greenish Gray 5GY6/1	F Greenish Gray 5GY6/1	F Greenish Gray 5GY6/1	F Greenish Gray 5GY6/1
13. ODOR (earthy, moldy, rank, H_2S, etc.)				
14. SIZE ANALYSIS and STATISTICAL MEASURES				
a. % COARSER THAN SAND (<−1 ϕ)				
b. % SAND	4	8	8	6
c. % SILT	52	53	59	58
d. % CLAY	44	39	33	36
e. SEDIMENT TYPE	Clayey Silt	Clayey Silt	Clayey Silt	Clayey Silt
f. PHI MEDIAN DIAMETER (Md ϕ)	8.54	8.05	7.43	7.77
g. PHI DEVIATION MEASURE (σ ϕ)				
h. PHI SKEWNESS MEASURE (α ϕ)				
15. CHEMICAL ANALYSIS				
a. $CaCO_3$ (%)	48	48	45	51
b. Organic Carbon (%)				

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SEDIMENT ANALYSIS SUMMARY SHEET

1. CRUISE NO. 00865	2. SAMPLE NO. BS-74/Station AS39	3. SAMPLER TYPE Phleger		
4. LATITUDE 21° 32.8' N	7. WATER DEPTH (meters) 3237			
5. LONGITUDE 63° 31.5' E	8. CORE LENGTH (cm) 79			
6. DATE (day, month, year) 23 March 1961	9. CORE PENETRATION (cm) 11.4			
10. LABORATORY NUMBER	7432	7433	7434	7435
11. SUB SAMPLE DEPTH IN CORE (cm)	0-4	4-9.5	9.5-14.5	14.5-19.5
12. COLOR (by the GSA rock color chart) F FIELD L LAB. DETERMINATION	Dark Yellowish Brown 10YR4/2	Yellowish Gray 5Y7/2	Yellowish Gray 5Y7/2	Yellowish Gray 5Y7/2
13. ODOR (earthy, moldy, rank, H_2S, etc.)				
14. SIZE ANALYSIS and STATISTICAL MEASURES				
a. % COARSER THAN SAND (< −1 ϕ)				
b. % SAND	3	2	5	5
c. % SILT	54	53	53	53
d. % CLAY	43	46	42	42
e. SEDIMENT TYPE	Clayey Silt	Clayey Silt	Clayey Silt	Clayey Silt
f. PHI MEDIAN DIAMETER (Md ϕ)	8.48	8.63	8.40	8.36
g. PHI DEVIATION MEASURE (σ ϕ)				
h. PHI SKEWNESS MEASURE (α ϕ)				
15. CHEMICAL ANALYSIS				
a. $CaCO_3$ (%)	44	47	49	
b. Organic Carbon (%)	0.74			

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SEDIMENT ANALYSIS SUMMARY SHEET

1. CRUISE NO.	2. SAMPLE NO. BS-74 (continued)	3. SAMPLER TYPE		
4. LATITUDE	7. WATER DEPTH (meters)			
5. LONGITUDE	8. CORE LENGTH (cm)			
6. DATE (day, month, year)	9. CORE PENETRATION (cm)			
10. LABORATORY NUMBER	7436	7437	7438	7439
11. SUB SAMPLE DEPTH IN CORE (cm)	19.5-23.7	27.5-32.8	32.8-37	40-44.7
12. COLOR (by the GSA rock color chart) F FIELD L LAB. DETERMINATION	Yellowish Gray 5Y7/2	Yellowish Gray 5Y7/2	Light Olive Gray 5Y6/1, Medium Light Gray N6	Light Olive Gray 5Y6/1, Medium Light Gray N6
13. ODOR (earthy, moldy, rank, H_2S, etc.)				
14. SIZE ANALYSIS and STATISTICAL MEASURES				
a. % COARSER THAN SAND (< −1 ϕ)				
b. % SAND	5	7	5	4
c. % SILT	52	52	55	58
d. % CLAY	42	41	40	38
e. SEDIMENT TYPE	Clayey Silt	Clayey Silt	Clayey Silt	Clayey Silt
f. PHI MEDIAN DIAMETER (Md ϕ)	8.45	8.30	8.20	8.05
g. PHI DEVIATION MEASURE (σ ϕ)				
h. PHI SKEWNESS MEASURE (α ϕ)				
15. CHEMICAL ANALYSIS				
a. $CaCO_3$ (%)	55	59	54	51
b. Organic Carbon (%)				

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SEDIMENT ANALYSIS SUMMARY SHEET

1. CRUISE NO.	2. SAMPLE NO. BS-74 (continued)	3. SAMPLER TYPE		
4. LATITUDE	7. WATER DEPTH (meters)			
5. LONGITUDE	8. CORE LENGTH (cm)			
6. DATE (day, month, year)	9. CORE PENETRATION (cm)			
10. LABORATORY NUMBER	7440	7441	7442	7443
11. SUB SAMPLE DEPTH IN CORE (cm)	44.7-50	56-62.7	62.7-67.0	67.0-72.0
12. COLOR (by the GSA rock color chart) F FIELD L LAB. DETERMINATION	Medium Light Gray N6	Medium Light Gray N6	Greenish Gray 5GY6/1	Greenish Gray 5GY6/1
13. ODOR (earthy, moldy, rank, H_2S, etc.)				
14. SIZE ANALYSIS and STATISTICAL MEASURES				
a. % COARSER THAN SAND (< −1 ϕ)				
b. % SAND	5	3	2	1
c. % SILT	59	66	65	66
d. % CLAY	36	31	33	32
e. SEDIMENT TYPE	Clayey Silt	Clayey Silt	Clayey Silt	Clayey Silt
f. PHI MEDIAN DIAMETER (Md ϕ)	7.87	7.55	7.70	7.75
g. PHI DEVIATION MEASURE (σ ϕ)				
h. PHI SKEWNESS MEASURE (α ϕ)				
15. CHEMICAL ANALYSIS				
a. $CaCO_3$ (%)	49	45	45	42
b. Organic Carbon (%)				

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SEDIMENT ANALYSIS SUMMARY SHEET

1. CRUISE NO.	2. SAMPLE NO. BS-74 (continued)	3. SAMPLER TYPE	
4. LATITUDE	7. WATER DEPTH (meters)		
5. LONGITUDE	8. CORE LENGTH (cm)		
6. DATE (day, month, year)	9. CORE PENETRATION (cm)		
10. LABORATORY NUMBER	7444		
11. SUB SAMPLE DEPTH IN CORE (cm)	72-79		
12. COLOR (by the GSA rock color chart) F FIELD L LAB. DETERMINATION	Light Olive Gray 5Y5/2		
13. ODOR (earthy, moldy, rank, H_2S, etc.)			
14. SIZE ANALYSIS and STATISTICAL MEASURES			
a. % COARSER THAN SAND (< −1 ϕ)			
b. % SAND	2		
c. % SILT	65		
d. % CLAY	32		
e. SEDIMENT TYPE	Clayey Silt		
f. PHI MEDIAN DIAMETER (Md ϕ)	7.67		
g. PHI DEVIATION MEASURE (σ ϕ)			
h. PHI SKEWNESS MEASURE (α ϕ)			
15. CHEMICAL ANALYSIS			
a. $CaCO_3$ (%)	45		
b. Organic Carbon (%)			

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SEDIMENT ANALYSIS SUMMARY SHEET

1. CRUISE NO. 00865	2. SAMPLE NO. BS-75 Station AS38	3. SAMPLER TYPE Phleger		
4. LATITUDE 21 ° 31 ' N	7. WATER DEPTH (meters) 3292			
5. LONGITUDE 64 ° 29.8 ' E	8. CORE LENGTH (cm) 68.3			
6. DATE (day, month, year) 24 March 1961	9. CORE PENETRATION (cm) 61.4			
10. LABORATORY NUMBER	7656	7657	7658	7659
11. SUB SAMPLE DEPTH IN CORE (cm)	0-2.3	2.3-8.5	8.5-14.5	14.5-20
12. COLOR (by the GSA rock color chart) F FIELD L LAB. DETERMINATION	Dark Yellowish Brown 10YR4/2	Yellowish Gray 5Y7/2	Yellowish Gray 5Y7/2	Light Olive Gray 5Y6/1
13. ODOR (earthy, moldy, rank, H_2S, etc.)				
14. SIZE ANALYSIS and STATISTICAL MEASURES				
a. % COARSER THAN SAND (<−1 φ)				
b. % SAND	1	2	3	4
c. % SILT	48	47	45	45
d. % CLAY	51	51	52	51
e. SEDIMENT TYPE	Silty Clay	Silty Clay	Silty Clay	Silty Clay
f. PHI MEDIAN DIAMETER (Md φ)	9.11	9.10	9.17	9.05
g. PHI DEVIATION MEASURE (σ φ)				
h. PHI SKEWNESS MEASURE (α φ)				
15. CHEMICAL ANALYSIS				
a. $CaCO_3$ (%)	42	47	51	53
b. Organic Carbon (%)	0.66			

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SEDIMENT ANALYSIS SUMMARY SHEET

1. CRUISE NO.	2. SAMPLE NO. BS-75 (continued)	3. SAMPLER TYPE		
4. LATITUDE ° ' '	7. WATER DEPTH (meters)			
5. LONGITUDE ° ' '	8. CORE LENGTH (cm)			
6. DATE (day, month, year)	9. CORE PENETRATION (cm)			
10. LABORATORY NUMBER	7660	7661	7662	7663
11. SUB SAMPLE DEPTH IN CORE (cm)	20-23.1	23.1-28	28-33	33-37.3
12. COLOR (by the GSA rock color chart) F FIELD L LAB. DETERMINATION	Dark Yellowish Brown 10YR4/2, Light Olive Gray 5Y6/2	Light Olive Gray 5Y6/1	Light Olive Gray 5Y6/1	Light Olive Gray* 5Y6/1
13. ODOR (earthy, moldy, rank, H_2S, etc.)				
14. SIZE ANALYSIS and STATISTICAL MEASURES				
a. % COARSER THAN SAND (<−1 φ)				
b. % SAND	3	6	4	5
c. % SILT	42	44	52	49
d. % CLAY	56	49	44	45
e. SEDIMENT TYPE	Silty Clay	Silty Clay	Clayey Silt	Clayey Silt
f. PHI MEDIAN DIAMETER (Md φ)			8.56	8.65
g. PHI DEVIATION MEASURE (σ φ)				
h. PHI SKEWNESS MEASURE (α φ)				
15. CHEMICAL ANALYSIS				
a. $CaCO_3$ (%)	48	56	51	52
b. Organic Carbon (%)				

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SEDIMENT ANALYSIS SUMMARY SHEET

1. CRUISE NO.	2. SAMPLE NO. BS-75 (continued)	3. SAMPLER TYPE		
4. LATITUDE ° ' '	7. WATER DEPTH (meters)			
5. LONGITUDE ° ' '	8. CORE LENGTH (cm)			
6. DATE (day, month, year)	9. CORE PENETRATION (cm)			
10. LABORATORY NUMBER	7664	7665	7666	7667
11. SUB SAMPLE DEPTH IN CORE (cm)	37.3-47.4	47.4-58	60-65	65-68.3
12. COLOR (by the GSA rock color chart) F FIELD L LAB. DETERMINATION	Light Olive Gray 5Y6/1	Light Olive Gray* 5Y5/2	Light Olive Gray* 5Y5/2	Light Olive Gray 5Y5/2
13. ODOR (earthy, moldy, rank, H_2S, etc.)				
14. SIZE ANALYSIS and STATISTICAL MEASURES				
a. % COARSER THAN SAND (<−1 φ)				
b. % SAND	6	3	3	6
c. % SILT	51	57	57	51
d. % CLAY	43	40	40	43
e. SEDIMENT TYPE	Clayey Silt	Clayey Silt	Clayey Silt	Clayey Silt
f. PHI MEDIAN DIAMETER (Md φ)	8.35	8.13	8.14	8.45
g. PHI DEVIATION MEASURE (σ φ)				
h. PHI SKEWNESS MEASURE (α φ)				
15. CHEMICAL ANALYSIS				
a. $CaCO_3$ (%)	50	45	45	45
b. Organic Carbon				

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SEDIMENT ANALYSIS SUMMARY SHEET

1. CRUISE NO.	00865	2. SAMPLE NO.	BS-76 Station AS37	3. SAMPLER TYPE Phleger
4. LATITUDE	21 27.9 N	7. WATER DEPTH (meters)	2688	
5. LONGITUDE	65 29.1 E	8. CORE LENGTH (cm)	69	
6. DATE (day, month, year)	24 March 1961	9. CORE PENETRATION (cm)	76.2	
10. LABORATORY NUMBER	7001	7002	7003	7004
11. SUB SAMPLE DEPTH IN CORE (cm)	0-3	3-7	7-11	19-23
12. COLOR (by the GSA rock color chart) F FIELD L LAB. DETERMINATION	Pale Yellowish Brown 10YR6/2 L	Pale Yellowish Brown 10YR6/2 L	Yellowish Gray 5Y7/2 L	Yellowish Gray 5Y7/2 L
13. ODOR (earthy, moldy, rank, H_2S, etc.)				
14. SIZE ANALYSIS and STATISTICAL MEASURES				
a. % COARSER THAN SAND (<−1 ϕ)				
b. % SAND	2	3	5	8
c. % SILT	56	53	53	50
d. % CLAY	41	44	43	41
e. SEDIMENT TYPE	Clayey Silt	Clayey Silt	Clayey Silt	Clayey Silt
f. PHI MEDIAN DIAMETER (Md ϕ)	8.48	8.67	8.40	8.30
g. PHI DEVIATION MEASURE (σ ϕ)				
h. PHI SKEWNESS MEASURE (α ϕ)				
15. CHEMICAL ANALYSIS				
a. $CaCO_3$ (%)	47	51	51	58
b. Organic Carbon (%)	0.57			

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SEDIMENT ANALYSIS SUMMARY SHEET

1. CRUISE NO.		2. SAMPLE NO.	BS-76 (continued)	3. SAMPLER TYPE
4. LATITUDE	° '	7. WATER DEPTH (meters)		
5. LONGITUDE	° '	8. CORE LENGTH (cm)		
6. DATE (day, month, year)		9. CORE PENETRATION (cm)		
10. LABORATORY NUMBER	7005	7006	7007	7008
11. SUB SAMPLE DEPTH IN CORE (cm)	29-33	40-445	445-49	65-69
12. COLOR (by the GSA rock color chart) F FIELD L LAB. DETERMINATION	Light Olive Gray 5Y6/1 L	Light Olive Gray 5Y6/1 L	Light Olive Gray 5Y6/1 L	Light Olive Gray 5Y5/2 L
13. ODOR (earthy, moldy, rank, H_2S, etc.)				
14. SIZE ANALYSIS and STATISTICAL MEASURES				
a. % COARSER THAN SAND (<−1 ϕ)				
b. % SAND	9	10	6	4
c. % SILT	54	55	61	66
d. % CLAY	38	35	34	30
e. SEDIMENT TYPE	Clayey Silt	Clayey Silt	Clayey Silt	Clayey Silt
f. PHI MEDIAN DIAMETER (Md ϕ)	7.97	7.73	7.65	7.55
g. PHI DEVIATION MEASURE (σ ϕ)				
h. PHI SKEWNESS MEASURE (α ϕ)				
15. CHEMICAL ANALYSIS				
a. $CaCO_3$	48	52	46	45
b. Organic Carbon (%)				

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SEDIMENT ANALYSIS SUMMARY SHEET

1. CRUISE NO.	00865	2. SAMPLE NO.	BS-77 Station AS29	3. SAMPLER TYPE Phleger
4. LATITUDE	22 25.2 N	7. WATER DEPTH (meters)	2333	
5. LONGITUDE	65 30 E	8. CORE LENGTH (cm)	72.2	
6. DATE (day, month, year)	24 March 1961	9. CORE PENETRATION (cm)	91.4	
10. LABORATORY NUMBER	7233	7234	7235	7236
11. SUB SAMPLE DEPTH IN CORE (cm)	0-7	7-12	19-24	24-295
12. COLOR (by the GSA rock color chart) F FIELD L LAB. DETERMINATION	Dark Yellowish Brown 10YR4/2	Yellowish Gray 5Y7/3	Yellowish Gray 5Y7/2	Yellowish Gray 5Y7/2
13. ODOR (earthy, moldy, rank, H_2S, etc.)				
14. SIZE ANALYSIS and STATISTICAL MEASURES				
a. % COARSER THAN SAND (<−1 ϕ)				
b. % SAND	2	1	4	6
c. % SILT	49	50	52	53
d. % CLAY	49	48	43	41
e. SEDIMENT TYPE	Clayey Silt	Clayey Silt	Clayey Silt	Clayey Silt
f. PHI MEDIAN DIAMETER (Md ϕ)	8.91	8.12	7.51	8.30
g. PHI DEVIATION MEASURE (σ ϕ)				
h. PHI SKEWNESS MEASURE (α ϕ)				
15. CHEMICAL ANALYSIS				
a. $CaCO_3$ (%)	38	40	47	48
b. Organic Carbon (%)	0.94			

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SEDIMENT ANALYSIS SUMMARY SHEET

1. CRUISE NO.		2. SAMPLE NO.	BS-77 (continued)	3. SAMPLER TYPE
4. LATITUDE	° '	7. WATER DEPTH (meters)		
5. LONGITUDE	° '	8. CORE LENGTH (cm)		
6. DATE (day, month, year)		9. CORE PENETRATION (cm)		
10. LABORATORY NUMBER	7237	7238	7239	7240
11. SUB SAMPLE DEPTH IN CORE (cm)	40-44	52-56.6	56.6-62	67-722
12. COLOR (by the GSA rock color chart) F FIELD L LAB. DETERMINATION	Yellowish Gray 5Y7/2	Light Olive Gray 5Y5/2	Light Olive Gray 5Y5/2	Light Olive Gray 5Y5/2
13. ODOR (earthy, moldy, rank, H_2S, etc.)				
14. SIZE ANALYSIS and STATISTICAL MEASURES				
a. % COARSER THAN SAND (<−1 ϕ)				
b. % SAND	8	3	8	8
c. % SILT	50	57	55	58
d. % CLAY	42	39	38	35
e. SEDIMENT TYPE	Clayey Silt	Clayey Silt	Clayey Silt	Clayey Silt
f. PHI MEDIAN DIAMETER (Md ϕ)	8.35	8.28	8.00	7.69
g. PHI DEVIATION MEASURE (σ ϕ)				
h. PHI SKEWNESS MEASURE (α ϕ)				
15. CHEMICAL ANALYSIS				
a. $CaCO_3$ (%)	44	40	43	49
b. Organic Carbon (%)				

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SEDIMENT ANALYSIS SUMMARY SHEET

1. CRUISE NO. 00865	2. SAMPLE NO. BS-78 Station AS 28	3. SAMPLER TYPE Phleger	
4. LATITUDE 22 ° 26 ' N	7. WATER DEPTH (meters) 2615		
5. LONGITUDE 64 ° 26.8 ' E	8. CORE LENGTH (cm) 73.7		
6. DATE (day, month, year) 25 March 1961	9. CORE PENETRATION (cm) 91.4		
10. LABORATORY NUMBER	7096	7097	7098	7099
11. SUB SAMPLE DEPTH IN CORE (cm)	0-1.5	1.5-5.5	5.5-11.5	11.5-16
12. COLOR (by the GSA rock color chart) F FIELD L LAB. DETERMINATION	F Dark Yellowish Brown 10YR4/2 L 5Y6/1	F Dk. Yellowish Brown 10YR4/2, Lt. Olive Gray L 5Y6/1	F Light Olive Gray 5Y6/1 L	F Light Olive Gray 5Y6/1 L
13. ODOR (earthy, moldy, rank, H_2S, etc.)				
14. SIZE ANALYSIS and STATISTICAL MEASURES				
a. % COARSER THAN SAND (< −1 ϕ)				
b. % SAND	2	2	4	3
c. % SILT	54	53	51	51
d. % CLAY	44	44	45	46
e. SEDIMENT TYPE	Clayey Silt	Clayey Silt	Clayey Silt	Clayey Silt
f. PHI MEDIAN DIAMETER (Md ϕ)	8.61	8.65	8.61	8.74
g. PHI DEVIATION MEASURE (σ ϕ)				
h. PHI SKEWNESS MEASURE (α ϕ)				
15. CHEMICAL ANAYSIS				
a. $CaCO_3$ (%)	34	35	41	41
b. Organic Carbon (%)	0.80			

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SEDIMENT ANALYSIS SUMMARY SHEET

1. CRUISE NO.	2. SAMPLE NO. BS-78 (continued)	3. SAMPLER TYPE		
4. LATITUDE ° '	7. WATER DEPTH (meters)			
5. LONGITUDE ° '	8. CORE LENGTH (cm)			
6. DATE (day, month, year)	9. CORE PENETRATION (cm)			
10. LABORATORY NUMBER	7100	7101	7102	7103
11. SUB SAMPLE DEPTH IN CORE (cm)	16-21	21-25	40-44	64-68
12. COLOR (by the GSA rock color chart) F FIELD L LAB. DETERMINATION	F Light Olive Gray L 5Y6/1	F Light Olive Gray L 5Y6/1	F Light Olive Gray L 5Y6/1	F Light Olive Gray L 5Y6/1
13. ODOR (earthy, moldy, rank, H_2S, etc.)				
14. SIZE ANALYSIS and STATISTICAL MEASURES				
a. % COARSER THAN SAND (< −1 ϕ)				
b. % SAND	5	7	7	6
c. % SILT	53	52	51	62
d. % CLAY	41	41	42	32
e. SEDIMENT TYPE	Clayey Silt	Clayey Silt	Clayey Silt	Clayey Silt
f. PHI MEDIAN DIAMETER (Md ϕ)	8.42	8.30	8.36	7.45
g. PHI DEVIATION MEASURE (σ ϕ)				
h. PHI SKEWNESS MEASURE (α ϕ)				
15. CHEMICAL ANALYSIS				
a. $CaCO_3$ (%)	45	47	44	47
b. Organic Carbon (%)				

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SEDIMENT ANALYSIS SUMMARY SHEET

1. CRUISE NO.	2. SAMPLE NO. BS-78 (continued)	3. SAMPLER TYPE		
4. LATITUDE ° '	7. WATER DEPTH (meters)			
5. LONGITUDE ° '	8. CORE LENGTH (cm)			
6. DATE (day, month, year)	9. CORE PENETRATION (cm)			
10. LABORATORY NUMBER	7104			
11. SUB SAMPLE DEPTH IN CORE (cm)	68-73.7			
12. COLOR (by the GSA rock color chart) F FIELD L LAB. DETERMINATION	Light Olive Gray 5Y6/2			
13. ODOR (earthy, moldy, rank, H_2S, etc.)				
14. SIZE ANALYSIS and STATISTICAL MEASURES				
a. % COARSER THAN SAND (< −1 ϕ)				
b. % SAND	4			
c. % SILT	64			
d. % CLAY	31			
e. SEDIMENT TYPE	Clayey Silt			
f. PHI MEDIAN DIAMETER (Md ϕ)	7.45			
g. PHI DEVIATION MEASURE (σ ϕ)				
h. PHI SKEWNESS MEASURE (α ϕ)				
15. CHEMICAL ANALYSIS				
a. $CaCO_3$ (%)	44			
b. Organic Carbon (%)				

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SEDIMENT ANALYSIS SUMMARY SHEET

1. CRUISE NO. 00865	2. SAMPLE NO. BS-79 Station AS 18	3. SAMPLER TYPE Phleger		
4. LATITUDE 23 28.3 N	7. WATER DEPTH (meters) 1372			
5. LONGITUDE 64 30.9 E	8. CORE LENGTH (cm) 66.5			
6. DATE (day, month, year) 25 March 1961	9. CORE PENETRATION (cm) 9.4			
10. LABORATORY NUMBER	7489	7490	7491	7492
11. SUB SAMPLE DEPTH IN CORE (cm)	0-5	10-15	20-26	25-30
12. COLOR (by the GSA rock color chart) F FIELD L LAB. DETERMINATION	Moderate Olive Brown 5Y4/4	Moderate Olive Brown 5Y4/4	Moderate Olive Brown 5Y4/4	Moderate Olive Brown 5Y4/4
13. ODOR (earthy, moldy, rank, H_2S, etc.)				
14. SIZE ANALYSIS and STATISTICAL MEASURES				
a. % COARSER THAN SAND (< −1 ϕ)				
b. % SAND	2	3	4	7
c. % SILT	53	54	53	49
d. % CLAY	44	43	43	44
e. SEDIMENT TYPE	Clayey Silt	Clayey Silt	Clayey Silt	Clayey Silt
f. PHI MEDIAN DIAMETER (Md ϕ)	8.61	8.50	8.40	8.50
g. PHI DEVIATION MEASURE (σ ϕ)				
h. PHI SKEWNESS MEASURE (α ϕ)				
15. CHEMICAL ANALYSIS				
a. $CaCO_3$ (%)	32	35	37	38
b. Organic Carbon (%)	3.10			

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SEDIMENT ANALYSIS SUMMARY SHEET

1. CRUISE NO.	2. SAMPLE NO. BS-79 (continued)	3. SAMPLER TYPE		
4. LATITUDE	7. WATER DEPTH (meters)			
5. LONGITUDE	8. CORE LENGTH (cm)			
6. DATE (day, month, year)	9. CORE PENETRATION (cm)			
10. LABORATORY NUMBER	7493	7494	7495	7496
11. SUB SAMPLE DEPTH IN CORE (cm)	30-35	40-45	48-52	52-56
12. COLOR (by the GSA rock color chart) F FIELD L LAB. DETERMINATION	Light Olive Gray* 5Y5/2	Light Olive Gray 5Y5/2	Light Olive Gray 5Y5/2	Olive Gray 5Y4/1
13. ODOR (earthy, moldy, rank, H_2S, etc.)				
14. SIZE ANALYSIS and STATISTICAL MEASURES				
a. % COARSER THAN SAND (< −1 ϕ)				
b. % SAND	4	11	7	6
c. % SILT	52	48	49	47
d. % CLAY	43	41	43	48
e. SEDIMENT TYPE	Clayey Silt	Clayey Silt	Clayey Silt	Silty Clay
f. PHI MEDIAN DIAMETER (Md ϕ)	8.52	8.17	8.48	8.78
g. PHI DEVIATION MEASURE (σ ϕ)				
h. PHI SKEWNESS MEASURE (α ϕ)				
15. CHEMICAL ANALYSIS				
a. $CaCO_3$ (%)	40	45	43	38
b. Organic Carbon (%)				

*Contained black streaks

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SEDIMENT ANALYSIS SUMMARY SHEET

1. CRUISE NO.	2. SAMPLE NO. BS-79 (continued)	3. SAMPLER TYPE		
4. LATITUDE	7. WATER DEPTH (meters)			
5. LONGITUDE	8. CORE LENGTH (cm)			
6. DATE (day, month, year)	9. CORE PENETRATION (cm)			
10. LABORATORY NUMBER	7497			
11. SUB SAMPLE DEPTH IN CORE (cm)	62-66.5			
12. COLOR (by the GSA rock color chart) F FIELD L LAB. DETERMINATION	Olive Gray 5Y4/1			
13. ODOR (earthy, moldy, rank, H_2S, etc.)				
14. SIZE ANALYSIS and STATISTICAL MEASURES				
a. % COARSER THAN SAND (< −1 ϕ)				
b. % SAND	3			
c. % SILT	50			
d. % CLAY	47			
e. SEDIMENT TYPE	Clayey Silt			
f. PHI MEDIAN DIAMETER (Md ϕ)	8.78			
g. PHI DEVIATION MEASURE (σ ϕ)				
h. PHI SKEWNESS MEASURE (α ϕ)				
15. CHEMICAL ANALYSIS				
a. $CaCO_3$ (%)	35			
b. Organic Carbon (%)				

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SEDIMENT ANALYSIS SUMMARY SHEET

1. CRUISE NO. 00865	2. SAMPLE NO. BS-80 Station AS 10	3. SAMPLER TYPE Phleger	
4. LATITUDE 24 ° 24.6 ′ N	7. WATER DEPTH (meters) 3043.2		
5. LONGITUDE 64 ° 26.8 ′ E	8. CORE LENGTH (cm) 59		
6. DATE (day, month, year) 25 March 1961	9. CORE PENETRATION (cm) 91.4		
10. LABORATORY NUMBER	7254	7255	7256	7257
11. SUB SAMPLE DEPTH IN CORE (cm)	0-5	8-12.5	12.5-19	19-23
12. COLOR (by the GSA rock color chart) F FIELD L LAB. DETERMINATION	Grayish Olive 10Y4/2	Grayish Olive 10Y4/2	Dark Greenish Gray 5GY4/1	Greenish Gray 5GY6/1
13. ODOR (earthy, moldy, rank, H_2S, etc.)				
14. SIZE ANALYSIS and STATISTICAL MEASURES				
a. % COARSER THAN SAND (<−1 φ)				
b. % SAND	Trace	2	21	6
c. % SILT	59	63	70	69
d. % CLAY	41	35	9	25
e. SEDIMENT TYPE	Clayey Silt	Clayey Silt	Sandy Silt	Clayey Silt
f. PHI MEDIAN DIAMETER (Md φ)	8.52	7.93	4.96	6.37
g. PHI DEVIATION MEASURE (σ φ)			1.58	
h. PHI SKEWNESS MEASURE (α φ)			0.19	
15. CHEMICAL ANALYSIS				
a. $CaCO_3$ (%)	19	20	21	19
b. Organic Carbon (%)	0.94			

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SEDIMENT ANALYSIS SUMMARY SHEET

1. CRUISE NO.	2. SAMPLE NO. BS-80 (continued)	3. SAMPLER TYPE		
4. LATITUDE ° ′	7. WATER DEPTH (meters)			
5. LONGITUDE ° ′	8. CORE LENGTH (cm)			
6. DATE (day, month, year)	9. CORE PENETRATION (cm)			
10. LABORATORY NUMBER	7258	7259	7260	7261
11. SUB SAMPLE DEPTH IN CORE (cm)	23-27.2	27.2-30.4	30.4-35	38-42.6
12. COLOR (by the GSA rock color chart) F FIELD L LAB. DETERMINATION	Greenish Gray 5GY6/1	Dark Greenish Gray 5GY4/1	Greenish Gray 5GY6/1	Greenish Gray 5GY6/1
13. ODOR (earthy, moldy, rank, H_2S, etc.)				
14. SIZE ANALYSIS and STATISTICAL MEASURES				
a. % COARSER THAN SAND (<−1 φ)				
b. % SAND	1	30	3	2
c. % SILT	63	53	66	63
d. % CLAY	35	17	32	34
e. SEDIMENT TYPE	Clayey Silt	Sandy Silt	Clayey Silt	Clayey Silt
f. PHI MEDIAN DIAMETER (Md φ)	8.07	5.14	7.47	7.96
g. PHI DEVIATION MEASURE (σ φ)				
h. PHI SKEWNESS MEASURE (α φ)				
15. CHEMICAL ANALYSIS				
a. $CaCO_3$ (%)	19	25	19	19
b. Organic Carbon (%)				

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SEDIMENT ANALYSIS SUMMARY SHEET

1. CRUISE NO.	2. SAMPLE NO. BS-80 (continued)	3. SAMPLER TYPE		
4. LATITUDE ° ′	7. WATER DEPTH (meters)			
5. LONGITUDE ° ′	8. CORE LENGTH (cm)			
6. DATE (day, month, year)	9. CORE PENETRATION (cm)			
10. LABORATORY NUMBER	7262	7263		
11. SUB SAMPLE DEPTH IN CORE (cm)	42.6-47	54-59		
12. COLOR (by the GSA rock color chart) F FIELD L LAB. DETERMINATION	Greenish Gray 5GY4/1	Greenish Gray 5GY4/1		
13. ODOR (earthy, moldy, rank, H_2S, etc.)				
14. SIZE ANALYSIS and STATISTICAL MEASURES				
a. % COARSER THAN SAND (<−1 φ)				
b. % SAND	Trace	2		
c. % SILT	63	61		
d. % CLAY	37	37		
e. SEDIMENT TYPE	Clayey Silt	Clayey Silt		
f. PHI MEDIAN DIAMETER (Md φ)	8.28	8.15		
g. PHI DEVIATION MEASURE (σ φ)				
h. PHI SKEWNESS MEASURE (α φ)				
15. CHEMICAL ANALYSIS				
a. $CaCO_3$ (%)	19	18		
b. Organic Carbon (%)				

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SEDIMENT ANALYSIS SUMMARY SHEET

1. CRUISE NO.	00865	2. SAMPLE NO. BS-81 Station AS11	3. SAMPLER TYPE Phleger	
4. LATITUDE	24 30 N	7. WATER DEPTH (meters) 2267.9		
5. LONGITUDE	65 30 E	8. CORE LENGTH (cm) 55.5		
6. DATE (day, month, year)	26 March 1961	9. CORE PENETRATION (cm) 91.4		
10. LABORATORY NUMBER	7460	7461	7462	7463
11. SUB SAMPLE DEPTH IN CORE (cm)	0-5	10-15	20-25	30-35
12. COLOR (by the GSA rock color chart) F FIELD L LAB. DETERMINATION	Dark Yellowish Brown 10YR4/2, Light Olive Gray F 5GY6/1	Light Olive Gray F 5GY6/1	Light Olive Gray F 5GY6/1	Light Olive Gray F 5GY6/1
13. ODOR (earthy, moldy, rank, H_2S, etc.)				
14. SIZE ANALYSIS and STATISTICAL MEASURES				
a. % COARSER THAN SAND (<−1 ϕ)				
b. % SAND	2	3	1	Trace
c. % SILT	54	49	52	50
d. % CLAY	44	47	47	50
e. SEDIMENT TYPE	Clayey Silt	Clayey Silt	Clayey Silt	Clayey Silt
f. PHI MEDIAN DIAMETER (Md ϕ)	8.80	8.87	8.82	9.00
g. PHI DEVIATION MEASURE (σ ϕ)				
h. PHI SKEWNESS MEASURE (α ϕ)				
15. CHEMICAL ANALYSIS				
a. $CaCO_3$ (%)	17	17	18	19
b. Organic Carbon (%)	1.21			

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SEDIMENT ANALYSIS SUMMARY SHEET

1. CRUISE NO.	2. SAMPLE NO. BS-81 (continued)	3. SAMPLER TYPE	
4. LATITUDE	7. WATER DEPTH (meters)		
5. LONGITUDE	8. CORE LENGTH (cm)		
6. DATE (day, month, year)	9. CORE PENETRATION (cm)		
10. LABORATORY NUMBER	7464	7465	
11. SUB SAMPLE DEPTH IN CORE (cm)	40-45	50-55.5	
12. COLOR (by the GSA rock color chart) F FIELD L LAB. DETERMINATION	Light Olive Gray 5GY6/1	Light Olive Gray 5GY6/1	
13. ODOR (earthy, moldy, rank, H_2S, etc.)			
14. SIZE ANALYSIS and STATISTICAL MEASURES			
a. % COARSER THAN SAND (<−1 ϕ)			
b. % SAND	Trace	Trace	
c. % SILT	52	50	
d. % CLAY	47	49	
e. SEDIMENT TYPE	Clayey Silt	Clayey Silt	
f. PHI MEDIAN DIAMETER (Md ϕ)	8.40	9.00	
g. PHI DEVIATION MEASURE (σ ϕ)			
h. PHI SKEWNESS MEASURE (α ϕ)			
15. CHEMICAL ANALYSIS			
a. $CaCO_3$ (%)	19	19	
b. Organic Carbon (%)			

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SEDIMENT ANALYSIS SUMMARY SHEET

1. CRUISE NO.	00865	2. SAMPLE NO. BS-82 Station AS12	3. SAMPLER TYPE Phleger	
4. LATITUDE	25 04.9 N	7. WATER DEPTH (meters) 76.8		
5. LONGITUDE	66 15 E	8. CORE LENGTH (cm) 63.8		
6. DATE (day, month, year)	26 March 1961	9. CORE PENETRATION (cm) 91.4		
10. LABORATORY NUMBER	7264	7265	7266	7267
11. SUB SAMPLE DEPTH IN CORE (cm)	0-5	8-13.5	13.5-21	21-28.3
12. COLOR (by the GSA rock color chart) F FIELD L LAB. DETERMINATION	Olive Gray 5Y4/1	Olive Gray 5Y4/1	Olive Gray 5Y4/1	Dark Greenish Gray 5GY4/1
13. ODOR (earthy, moldy, rank, H_2S, etc.)				
14. SIZE ANALYSIS and STATISTICAL MEASURES				
a. % COARSER THAN SAND (<−1 ϕ)				
b. % SAND	1	Trace	Trace	1
c. % SILT	56	58	61	58
d. % CLAY	43	41	39	40
e. SEDIMENT TYPE	Clayey Silt	Clayey Silt	Clayey Silt	Clayey Silt
f. PHI MEDIAN DIAMETER (Md ϕ)	8.62	8.58	8.45	8.38
g. PHI DEVIATION MEASURE (σ ϕ)				
h. PHI SKEWNESS MEASURE (α ϕ)				
15. CHEMICAL ANALYSIS				
a. $CaCO_3$ (%)	19	19	18	19
b. Organic Carbon (%)	1.08			

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SEDIMENT ANALYSIS SUMMARY SHEET

1. CRUISE NO.	2. SAMPLE NO. BS-82 (continued)	3. SAMPLER TYPE		
4. LATITUDE	7. WATER DEPTH (meters)			
5. LONGITUDE	8. CORE LENGTH (cm)			
6. DATE (day, month, year)	9. CORE PENETRATION (cm)			
10. LABORATORY NUMBER	7268	7269	7270	7271
11. SUB SAMPLE DEPTH IN CORE (cm)	28.3-33	40-46	50-55	60-63.8
12. COLOR (by the GSA rock color chart) F FIELD L LAB. DETERMINATION	Olive Gray 5Y4/1	Olive Gray 5Y4/1	Olive Gray 5Y4/1	Olive Gray 5Y4/1
13. ODOR (earthy, moldy, rank, H_2S, etc.)				
14. SIZE ANALYSIS and STATISTICAL MEASURES				
a. % COARSER THAN SAND (<−1 ϕ)				
b. % SAND	1	1	Trace	1
c. % SILT	53	52	57	57
d. % CLAY	45	47	43	42
e. SEDIMENT TYPE	Clayey Silt	Clayey Silt	Clayey Silt	Clayey Silt
f. PHI MEDIAN DIAMETER (Md ϕ)	8.78	8.83	8.66	8.56
g. PHI DEVIATION MEASURE (σ ϕ)				
h. PHI SKEWNESS MEASURE (α ϕ)				
15. CHEMICAL ANALYSIS				
a. $CaCO_3$ (%)	19	20	20	19
b. Organic Carbon (%)				

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SEDIMENT ANALYSIS SUMMARY SHEET

1. CRUISE NO. 00865	2. SAMPLE NO. BS-83 Station AS16	3. SAMPLER TYPE Phleger		
4. LATITUDE 23 ° 30 ' N	7. WATER DEPTH (meters) 128.1			
5. LONGITUDE 66 ° 30 ' E	8. CORE LENGTH (cm) 56			
6. DATE (day, month, year) 28 March 1961	9. CORE PENETRATION (cm) 91.4			
10. LABORATORY NUMBER	7163	7164	7165	7166
11. SUB SAMPLE DEPTH IN CORE (cm)	0-5	12-16.5	16.5-22	30-35
12. COLOR (by the GSA rock color chart) F. FIELD	Dark Yellowish Brown 10YR4/2	Dark Yellowish Brown 10YR4/2	Olive Gray 5Y4/1	Olive Gray 5Y4/1
12. COLOR (by the GSA rock color chart) L. LAB. DETERMINATION				
13. ODOR (earthy, moldy, rank, H_2S, etc.) F.	Foul	Foul	Foul	Foul
13. ODOR (earthy, moldy, rank, H_2S, etc.) L.				
14. SIZE ANALYSIS and STATISTICAL MEASURES				
a. % COARSER THAN SAND (< −1 φ)				
b. % SAND	4	6	10	9
c. % SILT	45	45	43	42
d. % CLAY	51	50	48	49
e. SEDIMENT TYPE	Silty Clay	Silty Clay	Silty Clay	Silty Clay
f. PHI MEDIAN DIAMETER (Md φ)		8.93	8.75	8.90
g. PHI DEVIATION MEASURE (σ φ)				
h. PHI SKEWNESS MEASURE (α φ)				
15. CHEMICAL ANALYSIS				
a. $CaCO_3$ (%)	30	32	33	36
b. Organic Carbon (%)				

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SEDIMENT ANALYSIS SUMMARY SHEET

1. CRUISE NO.	2. SAMPLE NO. BS-83 (continued)	3. SAMPLER TYPE		
4. LATITUDE ° '	7. WATER DEPTH (meters)			
5. LONGITUDE ° '	8. CORE LENGTH (cm)			
6. DATE (day, month, year)	9. CORE PENETRATION (cm)			
10. LABORATORY NUMBER	7167	7168		
11. SUB SAMPLE DEPTH IN CORE (cm)	40-45	51-56		
12. COLOR (by the GSA rock color chart) F. FIELD	Olive Gray 5Y4/1	Olive Gray 5Y4/1		
12. COLOR (by the GSA rock color chart) L. LAB. DETERMINATION				
13. ODOR (earthy, moldy, rank, H_2S, etc.) F.	Foul	Foul		
13. ODOR (earthy, moldy, rank, H_2S, etc.) L.				
14. SIZE ANALYSIS and STATISTICAL MEASURES				
a. % COARSER THAN SAND (< −1 φ)				
b. % SAND	13	16		
c. % SILT	40	44		
d. % CLAY	47	39		
e. SEDIMENT TYPE	Silty Clay	Clayey Silt		
f. PHI MEDIAN DIAMETER (Md φ)	8.68	7.64		
g. PHI DEVIATION MEASURE (σ φ)				
h. PHI SKEWNESS MEASURE (α φ)				
15. CHEMICAL ANALYSIS				
a. $CaCO_3$ (%)	40	46		
b. Organic Carbon (%)				

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SEDIMENT ANALYSIS SUMMARY SHEET

1. CRUISE NO. 00865	2. SAMPLE NO. BS-84 Station AS 30	3. SAMPLER TYPE Phleger		
4. LATITUDE 22 ° 30.9 ' N	7. WATER DEPTH (meters) 1380			
5. LONGITUDE 66 ° 23.9 ' E	8. CORE LENGTH (cm) 62			
6. DATE (day, month, year) 28 March 1961	9. CORE PENETRATION (cm) 91.4			
10. LABORATORY NUMBER	7620	7621	7622	7623
11. SUB SAMPLE DEPTH IN CORE (cm)	0-5	10-15	19-23.5	23.5-28
12. COLOR (by the GSA rock color chart) F. FIELD	Moderate Olive Brown 5Y4/4	Moderate Olive Brown 5Y4/4	Moderate Olive Brown 5Y4/4	Light Olive Gray 5Y5/2
12. COLOR (by the GSA rock color chart) L. LAB. DETERMINATION				
13. ODOR (earthy, moldy, rank, H_2S, etc.)				
14. SIZE ANALYSIS and STATISTICAL MEASURES				
a. % COARSER THAN SAND (< −1 φ)				
b. % SAND	4	4	5	9
c. % SILT	51	50	48	45
d. % CLAY	45	46	46	45
e. SEDIMENT TYPE	Clayey Silt	Clayey Silt	Clayey Silt	Clayey Silt
f. PHI MEDIAN DIAMETER (Md φ)	8.65	8.70	8.75	8.65
g. PHI DEVIATION MEASURE (σ φ)				
h. PHI SKEWNESS MEASURE (α φ)				
15. CHEMICAL ANALYSIS				
a. $CaCO_3$ (%)	37	40	47	48
b. Organic Carbon (%)				

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SEDIMENT ANALYSIS SUMMARY SHEET

1. CRUISE NO.	2. SAMPLE NO. BS-84 (continued)	3. SAMPLER TYPE		
4. LATITUDE ° '	7. WATER DEPTH (meters)			
5. LONGITUDE ° '	8. CORE LENGTH (cm)			
6. DATE (day, month, year)	9. CORE PENETRATION (cm)			
10. LABORATORY NUMBER	7624	7625	7626	7627
11. SUB SAMPLE DEPTH IN CORE (cm)	32-36	41-45.6	45.6-50	58-62
12. COLOR (by the GSA rock color chart) F. FIELD	Light Olive Gray 5Y5/2	Light Olive Gray 5Y5/2	Light Olive Gray 5Y5/2	Light Olive Gray 5Y5/2
12. COLOR (by the GSA rock color chart) L. LAB. DETERMINATION				
13. ODOR (earthy, moldy, rank, H_2S, etc.)				
14. SIZE ANALYSIS and STATISTICAL MEASURES				
a. % COARSER THAN SAND (< −1 φ)				
b. % SAND	8	8	3	3
c. % SILT	47	48	51	48
d. % CLAY	44	43	46	49
e. SEDIMENT TYPE	Clayey Silt	Clayey Silt	Clayey Silt	Silty Clay
f. PHI MEDIAN DIAMETER (Md φ)	8.60	8.54	8.78	8.95
g. PHI DEVIATION MEASURE (σ φ)				
h. PHI SKEWNESS MEASURE (α φ)				
15. CHEMICAL ANALYSIS				
a. $CaCO_3$ (%)	46	44	31	32
b. Organic Carbon (%)				

The core contained black streaks from 23.5 to 45.6 cm

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SEDIMENT ANALYSIS SUMMARY SHEET

1. CRUISE NO. 00865	2. SAMPLE NO. BS-85 Station AS36A	3. SAMPLER TYPE Phleger		
4. LATITUDE 21 30 N.	7. WATER DEPTH (meters) 2141			
5. LONGITUDE 66 30.1 E	8. CORE LENGTH (cm) 72			
6. DATE (day, month, year) 28 March 1961	9. CORE PENETRATION (cm) 91.4			
10. LABORATORY NUMBER	7199	7200	7201	7202
11. SUB SAMPLE DEPTH IN CORE (cm)	0-4	4-8	10-14.5	18-23.5
12. COLOR (by the GSA rock color chart) F FIELD L LAB. DETERMINATION	Dark Yellowish Brown 10YR4/2	Dark Yellowish Brown 10YR4/2, Pale Yellowish Brown 10YR6/2	Light Olive Gray 5Y5/2	Light Olive Gray 5Y5/2
13. ODOR (earthy, moldy, rank, H_2S, etc.)				
14. SIZE ANALYSIS and STATISTICAL MEASURES				
a. % COARSER THAN SAND (< −1 ϕ)				
b. % SAND	1	1	3	3
c. % SILT	50	48	48	47
d. % CLAY	50	51	49	49
e. SEDIMENT TYPE	Silty Clay	Silty Clay	Silty Clay	Silty Clay
f. PHI MEDIAN DIAMETER (Md ϕ)	8.87		8.86	9.00
g. PHI DEVIATION MEASURE (σ ϕ)				
h. PHI SKEWNESS MEASURE (α ϕ)				
15. CHEMICAL ANALYSIS				
a. $CaCO_3$ (%)	38	42	45	48
b. Organic Carbon (%)	1.00			

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SEDIMENT ANALYSIS SUMMARY SHEET

1. CRUISE NO.	2. SAMPLE NO. BS-85 (continued)	3. SAMPLER TYPE			
4. LATITUDE ° ′ ″	7. WATER DEPTH (meters)				
5. LONGITUDE ° ′ ″	8. CORE LENGTH (cm)				
6. DATE (day, month, year)	9. CORE PENETRATION (cm)				
10. LABORATORY NUMBER	7203	7204	7205	7206	
11. SUB SAMPLE DEPTH IN CORE (cm)	23.5-28.5	32-37	40-44	50-54	
12. COLOR (by the GSA rock color chart) F FIELD L LAB. DETERMINATION	Light Olive Gray 5Y5/2	Light Olive Gray 5Y5/2	Light Olive Gray 5Y5/2	Light Olive Gray 5Y5/2	
13. ODOR (earthy, moldy, rank, H_2S, etc.)					
14. SIZE ANALYSIS and STATISTICAL MEASURES					
a. % COARSER THAN SAND (< −1 ϕ)					
b. % SAND	7	6	7	11	
c. % SILT	46	48	46	48	
d. % CLAY	47	46	47	42	
e. SEDIMENT TYPE	Silty Clay	Clayey Silt	Silty Clay	Clayey Silt	
f. PHI MEDIAN DIAMETER (Md ϕ)	8.81	8.70	8.76	8.27	
g. PHI DEVIATION MEASURE (σ ϕ)					
h. PHI SKEWNESS MEASURE (α ϕ)					
15. CHEMICAL ANALYSIS					
a. $CaCO_3$ (%)	53	47	41	47	
b. Organic Carbon (%)					

OCEANOGRAPHIC LOG SHEET-R
PRNC.NHO-3167/18 (Rev. 4-60)

SEDIMENT ANALYSIS SUMMARY SHEET

1. CRUISE NO.	2. SAMPLE NO. BS-85 (continued)	3. SAMPLER TYPE		
4. LATITUDE ° ′ ″	7. WATER DEPTH (meters)			
5. LONGITUDE ° ′ ″	8. CORE LENGTH (cm)			
6. DATE (day, month, year)	9. CORE PENETRATION (cm)			
10. LABORATORY NUMBER	7207	7208	7209	
11. SUB SAMPLE DEPTH IN CORE (cm)	58-63	63-67	67-72	
12. COLOR (by the GSA rock color chart) F FIELD L LAB. DETERMINATION	Light Olive Gray 5Y5/2	Light Olive Gray 5Y5/2	Light Olive Gray 5Y5/2	
13. ODOR (earthy, moldy, rank, H_2S, etc.)				
14. SIZE ANALYSIS and STATISTICAL MEASURES				
a. % COARSER THAN SAND (< −1 ϕ)				
b. % SAND	8	6	8	
c. % SILT	49	54	56	
d. % CLAY	43	41	35	
e. SEDIMENT TYPE	Clayey Silt	Clayey Silt	Clayey Silt	
f. PHI MEDIAN DIAMETER (Md ϕ)	8.45	8.28	7.90	
g. PHI DEVIATION MEASURE (σ ϕ)				
h. PHI SKEWNESS MEASURE (α ϕ)				
15. CHEMICAL ANALYSIS				
a. $CaCO_3$ (%)	47	48	48	
b. Organic Carbon (%)				

OCEANOGRAPHIC LOG SHEET-R
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SEDIMENT ANALYSIS SUMMARY SHEET

1. CRUISE NO. 00865	2. SAMPLE NO. BS-86 Station AS35	3. SAMPLER TYPE Phleger		
4. LATITUDE 21 ° 33.2 ' N	7. WATER DEPTH (meters) 2012			
5. LONGITUDE 67 ° 30.8 ' E	8. CORE LENGTH (cm) 16.5			
6. DATE (day, month, year) 29 March 1961	9. CORE PENETRATION (cm) 91.4			
10. LABORATORY NUMBER	7247	7248	7249	7250
11. SUB SAMPLE DEPTH IN CORE (cm)	0-5	10-15	20-25	28-33
12. COLOR (by the GSA rock color chart) F FIELD L LAB. DETERMINATION	Dark Yellowish Brown 10YR4/2	Olive Gray 5Y4/1	Olive Gray 5Y4/1	Olive Gray 5Y4/1
13. ODOR (earthy, moldy, rank, H_2S, etc.)				
14. SIZE ANALYSIS and STATISTICAL MEASURES				
a. % COARSER THAN SAND (< −1 φ)				
b. % SAND	1	1	1	2
c. % SILT	43	41	40	42
d. % CLAY	56	58	59	57
e. SEDIMENT TYPE	Silty Clay	Silty Clay	Silty Clay	Silty Clay
f. PHI MEDIAN DIAMETER (Md φ)				
g. PHI DEVIATION MEASURE (σ φ)				
h. PHI SKEWNESS MEASURE (α φ)				
15. CHEMICAL ANALYSIS				
a. $CaCO_3$ (%)	32	34	36	42
b. Organic Carbon (%)	1.60			

OCEANOGRAPHIC LOG SHEET-R
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SEDIMENT ANALYSIS SUMMARY SHEET

1. CRUISE NO.	2. SAMPLE NO. BS-86 (continued)	3. SAMPLER TYPE		
4. LATITUDE ° '	7. WATER DEPTH (meters)			
5. LONGITUDE ° '	8. CORE LENGTH (cm)			
6. DATE (day, month, year)	9. CORE PENETRATION (cm)			
10. LABORATORY NUMBER	7251	7252	7253	
11. SUB SAMPLE DEPTH IN CORE (cm)	40-45	50-55	72-76.5	
12. COLOR (by the GSA rock color chart) F FIELD L LAB. DETERMINATION	Olive Gray 5Y4/1	Light Olive Gray 5Y6/2	Light Olive Gray 5Y6/1	
13. ODOR (earthy, moldy, rank, H_2S, etc.)				
14. SIZE ANALYSIS and STATISTICAL MEASURES				
a. % COARSER THAN SAND (< −1 φ)				
b. % SAND	7	7	3	
c. % SILT	39	40	45	
d. % CLAY	54	53	51	
e. SEDIMENT TYPE	Silty Clay	Silty Clay	Silty Clay	
f. PHI MEDIAN DIAMETER (Md φ)				
g. PHI DEVIATION MEASURE (σ φ)				
h. PHI SKEWNESS MEASURE (α φ)				
15. CHEMICAL ANALYSIS				
a. $CaCO_3$ (%)	51	56	63	
b. Organic Carbon (%)				

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SEDIMENT ANALYSIS SUMMARY SHEET

1. CRUISE NO. 00865	2. SAMPLE NO. BS-87 Station AS34	3. SAMPLER TYPE Phleger		
4. LATITUDE 21 ° 29.8 ' N	7. WATER DEPTH (meters) 91.4			
5. LONGITUDE 68 ° 30.1 ' E	8. CORE LENGTH (cm) 71.0			
6. DATE (day, month, year) 29 March 1961	9. CORE PENETRATION (cm) 91.4			
10. LABORATORY NUMBER	7605	7606	7607	7608
11. SUB SAMPLE DEPTH IN CORE (cm)	0-5	12-17½	17½-23	23-27½
12. COLOR (by the GSA rock color chart) F FIELD L LAB. DETERMINATION	Olive Gray 5Y4/1	Olive Gray 5Y4/1	Brownish Black 5YR2/1	Brownish Black 5YR2/1
13. ODOR (earthy, moldy, rank, H_2S, etc.)				
14. SIZE ANALYSIS and STATISTICAL MEASURES				
a. % COARSER THAN SAND (< −1 φ)		Trace	1	
b. % SAND	18	20	24	23
c. % SILT	40	38	37	36
d. % CLAY	43	43	38	41
e. SEDIMENT TYPE	Silty Clay	Clayey Mud	Clayey Mud	Clayey Mud
f. PHI MEDIAN DIAMETER (Md φ)	7.80	7.87	7.10	7.48
g. PHI DEVIATION MEASURE (σ φ)				
h. PHI SKEWNESS MEASURE (α φ)				
15. CHEMICAL ANALYSIS				
a. $CaCO_3$ (%)	42	44	49	43
b. Organic Carbon (%)	1.85			

OCEANOGRAPHIC LOG SHEET-R
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SEDIMENT ANALYSIS SUMMARY SHEET

1. CRUISE NO.	2. SAMPLE NO. BS-87 (continued)	3. SAMPLER TYPE			
4. LATITUDE ° '	7. WATER DEPTH (meters)				
5. LONGITUDE ° '	8. CORE LENGTH (cm)				
6. DATE (day, month, year)	9. CORE PENETRATION (cm)				
10. LABORATORY NUMBER	7609	7610	7611	7612	7613
11. SUB SAMPLE DEPTH IN CORE (cm)	27½-34	40-45	45-50	55-60	66-71
12. COLOR (by the GSA rock color chart) F FIELD L LAB. DETERMINATION	Olive Gray 5Y4/1	Olive Gray 5Y4/1	Olive Gray 5Y4/1	Olive Gray 5Y4/1	Olive Gray 5Y4/1
13. ODOR (earthy, moldy, rank, H_2S, etc.)					
14. SIZE ANALYSIS and STATISTICAL MEASURES					
a. % COARSER THAN SAND (< −1 φ)	Trace	Trace	1	2	3
b. % SAND	25	40	49	58	61
c. % SILT	33	26	24	19	18
d. % CLAY	42	34	27	22	18
e. SEDIMENT TYPE	Clayey Mud	Sandy Mud	Sandy Mud	Clayey Sand	Silty Sand
f. PHI MEDIAN DIAMETER (Md φ)	7.73	5.43	4.06	2.87	2.58
g. PHI DEVIATION MEASURE (σ φ)					
h. PHI SKEWNESS MEASURE (α φ)					
15. CHEMICAL ANALYSIS					
a. $CaCO_3$ (%)	51	54	62	71	77
b. Organic Carbon (%)					

OCEANOGRAPHIC LOG SHEET-R
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SEDIMENT ANALYSIS SUMMARY SHEET

1. CRUISE NO. 00865	2. SAMPLE NO. BS-88 Station AS33	3. SAMPLER TYPE Phleger	
4. LATITUDE 21 ° 30 ' N	7. WATER DEPTH (meters) 402		
5. LONGITUDE 69 ° 29.9 ' E	8. CORE LENGTH (cm) 63		
6. DATE (day, month, year) 29 March 1961	9. CORE PENETRATION (cm) 61		
10. LABORATORY NUMBER	7055	7056	7057	7058
11. SUB SAMPLE DEPTH IN CORE (cm)	0-7	7-10	10-15	30-35
12. COLOR (by the GSA rock color chart) F FIELD L LAB. DETERMINATION	Dark Yellowish Brown 10YR4/2 L	Dark Yellowish Brown 10YR4/2, Olive Gray 5Y4/1 L	Olive Gray 5Y4/1 L	Olive Gray 5Y4/1 L
13. ODOR (earthy, moldy, rank, H_2S, etc.)	L Foul			
14. SIZE ANALYSIS and STATISTICAL MEASURES				
a. % COARSER THAN SAND (< −1 φ)				4
b. % SAND	1	3	1	1
c. % SILT	47	43	41	41
d. % CLAY	52	54	58	54
e. SEDIMENT TYPE	Silty Clay	Silty Clay	Silty Clay	Silty Clay
f. PHI MEDIAN DIAMETER (Md φ)				
g. PHI DEVIATION MEASURE (σ φ)				
h. PHI SKEWNESS MEASURE (α φ)				
15. CHEMICAL ANALYSIS				
a $CaCO_3$ (%)	17		18	19
b Organic Carbon (%)	1.14			

OCEANOGRAPHIC LOG SHEET-R
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SEDIMENT ANALYSIS SUMMARY SHEET

1. CRUISE NO.	2. SAMPLE NO. BS-88 (continued)	3. SAMPLER TYPE	
4. LATITUDE	7. WATER DEPTH (meters)		
5. LONGITUDE	8. CORE LENGTH (cm)		
6. DATE (day, month, year)	9. CORE PENETRATION (cm)		
10. LABORATORY NUMBER	7059	7060	
11. SUB SAMPLE DEPTH IN CORE (cm)	46-50	59-63	
12. COLOR (by the GSA rock color chart) F FIELD L LAB. DETERMINATION	Olive Gray 5Y4/1 L	Olive Gray 5Y4/1 L	
13. ODOR (earthy, moldy, rank, H_2S, etc.)			
14. SIZE ANALYSIS and STATISTICAL MEASURES			
a. % COARSER THAN SAND (< −1 φ)		3	
b. % SAND	1	5	
c. % SILT	42	43	
d. % CLAY	57	50	
e. SEDIMENT TYPE	Silty Clay	Silty Clay	
f. PHI MEDIAN DIAMETER (Md φ)		8.91	
g. PHI DEVIATION MEASURE (σ φ)			
h. PHI SKEWNESS MEASURE (α φ)			
15. CHEMICAL ANALYSIS			
a $CaCO_3$ (%)	18	20	
b Organic Carbon (%)			

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SEDIMENT ANALYSIS SUMMARY SHEET

1. CRUISE NO. 00865	2. SAMPLE NO. BS-89 Station AS32	3. SAMPLER TYPE Phleger		
4. LATITUDE 22 ° 29.9 ' N	7. WATER DEPTH (meters) 21.9			
5. LONGITUDE 68 ° 30 ' E	8. CORE LENGTH (cm) 530			
6. DATE (day, month, year) 30 March 1961	9. CORE PENETRATION (cm) 91.4			
10. LABORATORY NUMBER	7479	7480	7481	7482
11. SUB SAMPLE DEPTH IN CORE (cm)	0-4.5	4.5-8.5	8.5-12.5	12.5-16.5
12. COLOR (by the GSA rock color chart) F FIELD L LAB. DETERMINATION	Dark Yellowish Brown 10YR4/2	Dark Yellowish Brown 10YR4/2	Dark Yellowish Brown 10YR4/2, Black N1	Dark Yellowish Brown 10YR4/2
13. ODOR (earthy, moldy, rank, H_2S, etc.)				
14. SIZE ANALYSIS and STATISTICAL MEASURES				
a. % COARSER THAN SAND (< −1 φ)				
b. % SAND	5	3	4	2
c. % SILT	56	54	62	56
d. % CLAY	39	38	34	42
e. SEDIMENT TYPE	Clayey Silt	Clayey Silt	Clayey Silt	Clayey Silt
f. PHI MEDIAN DIAMETER (Md φ)	8.13	8.13	7.61	8.42
g. PHI DEVIATION MEASURE (σ φ)				
h. PHI SKEWNESS MEASURE (α φ)				
15. CHEMICAL ANALYSIS				
a. $CaCO_3$ (%)	19	18	19	19
b. Organic Carbon (%)	0.61			

OCEANOGRAPHIC LOG SHEET-R
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SEDIMENT ANALYSIS SUMMARY SHEET

1. CRUISE NO.	2. SAMPLE NO. BS-89 (continued)	3. SAMPLER TYPE		
4. LATITUDE	7. WATER DEPTH (meters)			
5. LONGITUDE	8. CORE LENGTH (cm)			
6. DATE (day, month, year)	9. CORE PENETRATION (cm)			
10. LABORATORY NUMBER	7483	7484	7485	7486
11. SUB SAMPLE DEPTH IN CORE (cm)	16.5-21	24-28.5	28.5-34	39-43
12. COLOR (by the GSA rock color chart) F FIELD L LAB. DETERMINATION	Dark Yellowish Brown 10YR4/2	Olive Gray 5Y4/1	Olive Gray 5Y4/1	Olive Gray 5Y4/1
13. ODOR (earthy, moldy, rank, H_2S, etc.)				
14. SIZE ANALYSIS and STATISTICAL MEASURES				
a. % COARSER THAN SAND (< −1 φ)				
b. % SAND	5	2	3	5
c. % SILT	54	53	48	51
d. % CLAY	41	44	49	44
e. SEDIMENT TYPE	Clayey Silt	Clayey Silt	Silty Clay	Clayey Silt
f. PHI MEDIAN DIAMETER (Md φ)	8.33	8.67	8.91	8.57
g. PHI DEVIATION MEASURE (σ φ)				
h. PHI SKEWNESS MEASURE (α φ)				
15. CHEMICAL ANALYSIS				
a. $CaCO_3$ (%)	18	19	20	19
b. Organic Carbon (%)				

OCEANOGRAPHIC LOG SHEET-R
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SEDIMENT ANALYSIS SUMMARY SHEET

1. CRUISE NO. 00865	2. SAMPLE NO. BS-89 (continued)	3. SAMPLER TYPE Phleger	
4. LATITUDE 22° 29.9' N.	7. WATER DEPTH (meters) 219		
5. LONGITUDE 68° 30' E.	8. CORE LENGTH (cm) 53.0		
6. DATE (day, month, year) 30 March 1961	9. CORE PENETRATION (cm) 91.4		
10. LABORATORY NUMBER	7487	7488	
11. SUB SAMPLE DEPTH IN CORE (cm)	43-48	48-53	
12. COLOR (by the GSA rock color chart) F. FIELD L. LAB. DETERMINATION	Olive Gray 5Y4/1	Olive Gray 5Y4/1	
13. ODOR (earthy, moldy, rank, H_2S, etc.)			
14. SIZE ANALYSIS and STATISTICAL MEASURES			
a. % COARSER THAN SAND (<−1 φ)			
b. % SAND	2	4	
c. % SILT	53	52	
d. % CLAY	45	44	
e. SEDIMENT TYPE	Clayey Silt	Clayey Silt	
f. PHI MEDIAN DIAMETER (Md φ)	8.68	8.56	
g. PHI DEVIATION MEASURE (σ φ)			
h. PHI SKEWNESS MEASURE (α φ)			
15. CHEMICAL ANALYSIS			
a. $CaCO_3$ (%)	19	20	
b. Organic Carbon (%)			

OCEANOGRAPHIC LOG SHEET-R
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SEDIMENT ANALYSIS SUMMARY SHEET

1. CRUISE NO. 00865	2. SAMPLE NO. BS-90 Station AS14	3. SAMPLER TYPE Phleger		
4. LATITUDE 23° 14.1' N	7. WATER DEPTH (meters) 18.3			
5. LONGITUDE 68° 16.9' E	8. CORE LENGTH (cm) 73.5			
6. DATE (day, month, year) 30 March 1961	9. CORE PENETRATION (cm) 91.4			
10. LABORATORY NUMBER	7210	7211	7212	7213
11. SUB SAMPLE DEPTH IN CORE (cm)	0-4.5	9-13	20-24.5	30-34.5
12. COLOR (by the GSA rock color chart) F. FIELD L. LAB. DETERMINATION	F Medium Gray N5	F Medium Gray N5	F Medium Gray N5	F Medium Gray N5
13. ODOR (earthy, moldy, rank, H_2S, etc.)				
14. SIZE ANALYSIS and STATISTICAL MEASURES				
a. % COARSER THAN SAND (<−1 φ)				
b. % SAND	Trace	1	1	1
c. % SILT	63	64	62	63
d. % CLAY	36	36	38	37
e. SEDIMENT TYPE	Clayey Silt	Clayey Silt	Clayey Silt	Clayey Silt
f. PHI MEDIAN DIAMETER (Md φ)	8.24	8.13	8.24	8.23
g. PHI DEVIATION MEASURE (σ φ)				
h. PHI SKEWNESS MEASURE (α φ)				
15. CHEMICAL ANALYSIS				
a. $CaCO_3$ (%)	18	18	18	18
b. Organic Carbon (%)	0.55			

OCEANOGRAPHIC LOG SHEET-R
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SEDIMENT ANALYSIS SUMMARY SHEET

1. CRUISE NO.	2. SAMPLE NO. BS-90 (continued)	3. SAMPLER TYPE	
4. LATITUDE ° '	7. WATER DEPTH (meters)		
5. LONGITUDE ° '	8. CORE LENGTH (cm)		
6. DATE (day, month, year)	9. CORE PENETRATION (cm)		
10. LABORATORY NUMBER	7214	7215	7216
11. SUB SAMPLE DEPTH IN CORE (cm)	40-44.5	50-54.5	69-73.5
12. COLOR (by the GSA rock color chart) F. FIELD L. LAB. DETERMINATION	F Medium Gray N5	F Medium Gray N5	F Medium Gray N5
13. ODOR (earthy, moldy, rank, H_2S, etc.)			
14. SIZE ANALYSIS and STATISTICAL MEASURES			
a. % COARSER THAN SAND (<−1 φ)			
b. % SAND	1	1	Trace
c. % SILT	63	60	68
d. % CLAY	36	38	32
e. SEDIMENT TYPE	Clayey Silt	Clayey Silt	Clayey Silt
f. PHI MEDIAN DIAMETER (Md φ)	8.14	8.33	7.83
g. PHI DEVIATION MEASURE (σ φ)			
h. PHI SKEWNESS MEASURE (α φ)			
15. CHEMICAL ANALYSIS			
a. $CaCO_3$ (%)	18	19	17
b. Organic Carbon (%)			

OCEANOGRAPHIC LOG SHEET-R
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SEDIMENT ANALYSIS SUMMARY SHEET

1. CRUISE NO. 00865	2. SAMPLE NO. BS-91 Station AS 31	3. SAMPLER TYPE Phleger	
4. LATITUDE 22 ° 29.8 ' N	7. WATER DEPTH (meters) 109.7		
5. LONGITUDE 67 ° 30 ' E	8. CORE LENGTH (cm) 31		
6. DATE (day, month, year) 30 March 1961	9. CORE PENETRATION (cm) 91.4		
10. LABORATORY NUMBER	7457	7458	7459
11. SUB SAMPLE DEPTH IN CORE (cm)	0-5	12-17	26-31
12. COLOR (by the GSA rock color chart)			
F FIELD L LAB. DETERMINATION	F Grayish Olive 10Y4/2	F Grayish Olive 10Y4/2	F Grayish Olive 10Y4/2
13. ODOR (earthy, moldy, rank, H_2S, etc.)			
14. SIZE ANALYSIS and STATISTICAL MEASURES			
a. % COARSER THAN SAND (< −1 ϕ)		1	7
b. % SAND	65	59	60
c. % SILT	19	21	18
d. % CLAY	16	19	14
e. SEDIMENT TYPE	Silty Sand	Silty Sand	Silty Sand
f. PHI MEDIAN DIAMETER (Md ϕ)	2.75	3.10	2.26
g. PHI DEVIATION MEASURE (σ ϕ)	4.02		4.30
h. PHI SKEWNESS MEASURE (α ϕ)	0.56		0.62
15. CHEMICAL ANALYSIS			
a. $CaCO_3$ (%)	75	76	75
b. Organic Carbon (%)			

OCEANOGRAPHIC LOG SHEET-R
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SEDIMENT ANALYSIS SUMMARY SHEET

1. CRUISE NO. 00865	2. SAMPLE NO. BS-92 Station AS 15	3. SAMPLER TYPE Orange Peel	
4. LATITUDE 23 ° 23.9 ' N	7. WATER DEPTH (meters) 23.8		
5. LONGITUDE 67 ° 31.9 ' E	8. CORE LENGTH (cm) —		
6. DATE (day, month, year) 31 March 1961	9. CORE PENETRATION (cm) —		
10. LABORATORY NUMBER	7801		
11. SUB SAMPLE DEPTH IN CORE (cm)			
12. COLOR (by the GSA rock color chart)			
F FIELD L LAB. DETERMINATION	Olive Gray 5Y4/1		
13. ODOR (earthy, moldy, rank, H_2S, etc.)			
14. SIZE ANALYSIS and STATISTICAL MEASURES			
a. % COARSER THAN SAND (< −1 ϕ)			
b. % SAND	4		
c. % SILT	91		
d. % CLAY	5		
e. SEDIMENT TYPE	Silt		
f. PHI MEDIAN DIAMETER (Md ϕ)	5.14		
g. PHI DEVIATION MEASURE (σ ϕ)	0.64		
h. PHI SKEWNESS MEASURE (α ϕ)	0.00		
15. CHEMICAL ANALYSIS			
a. $CaCO_3$ (%)	14		
b. Organic Carbon (%)			

U. S. Naval Oceanographic Office
RESULTS OF THE PERSIAN GULF–ARABIAN SEA OCEANOGRAPHIC SURVEYS 1960–61
1965. 239 p., including 12 figs., 6 tables. (TR–176).

Contains results of oceanographic surveys in the Persian Gulf and Arabian Sea from aboard USS REQUISITE in February and March 1960 and January to March 1961. Temperature and salinity profiles across the upper and lower Persian Gulf, the Strait of Hormuz, Bay of Oman, and the Arabian Sea are presented. Temperature–salinity curves for the Arabian Sea are compared. Temperature, salinity, and current measurements are discussed.

Appendix A contains a tabulation of oceanographic data for 261 stations. Appendix B contains current measurement data for 22 locations. Appendix C contains Sediment Analysis Sheets for 110 bottom samples.

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2. Arabian Sea – oceanography
3. Persian Gulf – bottom sediments
4. Arabian Sea – bottom sediments
5. Persian Gulf – current measurements
6. Ships – USS REQUISITE

i. Title: Results of the Persian Gulf–Arabian Sea Oceanographic Surveys 1960–61

ii. TR–176

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ii. TR–176

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